COLOURED

ENGRAVINGS

OF

HEATHS.

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1809-61
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Coloured Engravings

OF

HEATHS.

THE

DRAWINGS

TAKEN FROM

LIVING PLANTS ONLY.

Mo. Bot. Garden.

WITH

THE APPROPRIATE SPECIFIC CHARACTER, FULL DESCRIPTION, NATIVE PLACE OF GROWTH, AND TIME OF FLOWERING OF EACH;

In Latin and English.

EACH FIGURE ACCOMPANIED BY ACCURATE DISSECTIONS OF THE SEVERAL PARTS (MAGNIFIED WHERE NECESSARY) UPON WHICH THE SPECIFIC DISTINCTION HAS BEEN FOUNDED,

ACCORDING TO THE

LINNÆAN SYSTEM.

THE WHOLE EXECUTED

By H. C. ANDREWS,

BOTANICAL PAINTER, ENGRAVER, &c.

VOL. III.

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DISSERTATION concluded.

At the commencement of this Monograph the extent of this elegant tribe of plants appeared to be circumscribed within a small compass, and we calculated upon one volume enshrining the whole Genus. The termination of that volume left a residuum of sufficient magnitude to complete a second, at whose termination an ample fund for continuation was still apparent. A third is finished; and there yet remains enough to form a fourth, the conclusion of which will, we think, contain all that are as yet in cultivation with us, as the limits of this extensive family appear at present to be bounded within three hundred species and distinct varieties; and unless some new source should be found to extend it, by the discovery of some unexpected mine of novelty, it may be then considered as for a time completed; although, no doubt, from the beautiful variations occasionally raised from seed, there will be still further accessions of novelty to merit attention at some future period, by way of appendix.

When the author first began to delineate the Erica family in the year 1794, the greater part of the species then known had been so recently imported, that the seeds did not ripen with us. A period of fifteen years having since elapsed, many of them have become so far naturalized as to perfect their seed freely. The prevalent idea of their not ripening with us is owing to a want of sufficient attention to preserve them; for, as soon as the seeds are perfect, if not immediately collected, the capsule splits, and the seeds, which are extremely small, escape unperceived.

The fourth volume will contain, in addition to each figure, a short account of who first raised it, &c., and at the end of the volume (which the author trusts will be completed in much less time than the foregoing ones) all the seeds that can possibly be procured will be represented, both of the natural size and magnified, to render the work as complete as the progressive increase of the vegetable kingdom will possibly admit of.

SYSTEMATICAL ARRANGEMENT

OF THE

LXXII ERICAS, OR HEATHS, CONTAINED IN

VOL. III.

Taken from the shape of the tips, and the number of leaves which surround the stem in one whorl.

ANTHERÆ ARISTATÆ.	TIPS BEARDED.
Foliis ternis.	*Leaves by threes.*
E. hirta, *viridiflora*	Hairy, *green-flowered*
..incurva	Incurved-leaf
..lachnæa	Lachnæa-like
β ..... *purpurea*	β ..... *purple*
..Nivenia, *longiflora*	Nivens, *long-flowered*
..lanuginosa	Flannelly
..lævis	Smooth
Foliis quaternis.	*Leaves by fours.*
..Blandfordia	Blandford
β mammosa, *minor*	Nipple, *small*
..Patersonia, *major*	Paterson, *large*
β ..... *coccinea*	β ..... *scarlet*
Foliis senis.	*Leaves by sixes.*
..racemifera	Clustered

ANTHERÆ CRISTATÆ.	TIPS CRESTED.
Foliis ternis.	*Leaves by threes.*
..Andromedæflora	Andromeda-flowered
..calycina, *major*	Calycined, *large*
δ ..... *minor*	δ ..... *small*
..elegans	Elegant
..laxa	Loose
..nitida	Shining
..vernix	Varnished
..emarginata	Emarginated
Foliis quaternis.	*Leaves by fours.*
..australis	Southern
..squamosa	Scaly

ANTHERÆ BICORNUTÆ.	TIPS TWO-HORNED.
Foliis ternis.	*Leaves by threes.*
..fimbriata	Fringed
..globosa	Globular
..Irbyana	Irby
..planifolia	Flat-leaved
..Savileia	Savile
Foliis quaternis.	*Leaves by fours.*
..aristata	Bearded
..obbata, *Var. umbellata*	Bottle, *umbelled var.*
..densa	Close or thick
..mutabilis	Changeable
..prægnans	Pregnant
..metulæflora	Skittle-flowered
Foliis senis.	*Leaves by sixes.*
..blanda	Blush-coloured

ANTHERÆ MUTICÆ.	TIPS BEARDLESS.
Foliis binis.	*Leaves by twos.*
E. oppositifolia	Opposite-leaved
β ..... *rubra*	β ..... *red*
Foliis ternis.	*Leaves by threes.*
..Banksia, *purpurea*	Banks, *purple*
..canaliculata	Channelled
β ..... *minor*	β ..... *small*
..clavata	Club shaped
..cordata	Heart-leaved
..lanata	Woolly
..mucronata	Mucronated
..Broadleyana	Broadley
..pallens	Pale-flowered
..petiolata	Petiolated
..Sebana, *nana*	Seba, dwarf
..staminea	Stamineous
..tenuiflora	Slender-flowered
α ..... *alba*	α ..... *white*
..tetragona	Four-sided
..tiaræflora	Turban-flowered
..villosa	Villose
Foliis quaternis.	*Leaves by fours.*
..acuminata	Pointed
..aspera	Rough
..erubescens	Blushing
..ferruginea	Rusty
..Hyacinthoides	Hyacinth-like
..longiflora	Long-flowered
..pellucida	Transparent
..curviflora, *rubra*	Curved-flowered, *red*
Foliis quinis.	*Leaves by fives.*
..echiiflora	Echium-flowered
..primuloides	Cowslip-like
Foliis sparsis.	*Leaves scattered.*
..odorata	Sweet-scented
..Swainsonia	Swainson
Foliis senis.	*Leaves by sixes.*
..decora	Comely
..*glutinosa, minor*	Glutinous, *small*
..Hibbertia	Hibbert
..pinifolia	Pine-leaved
β ..... *discolor*	β ..... *two-coloured*
..aurea, *flore pallido*	Gold-coloured, *pale-flowered*
..vestita, *lutea*	Clothed, *yellow*

ERICA acuminata.

CHARACTER SPECIFICUS.

Erica, antheris muticis inclusis; corollis subcylindricis, purpureis; floribus umbellatis, subterminalibus; foliis quaternis, retortis, acuminatis, glabris.

DESCRIPTIO.

Caulis fruticosus, pedalis, ramosissimus; rami flexuosi, filiformes.

Folia quaterna, trigona, retorta, acuminata, lucida, supra plana, subtus sulcata; petiolis longis, adpressis.

Flores umbellati, sub-terminales; pedunculi breves, bracteis tribus subulatis instructi.

Calyx. Perianthium tetraphyllum; foliolis subulatis, carinatis, acuminatis.

Corolla sub-cylindrica, ore arctata, pollicaria, purpurea; laciniis ovatis, revolutis.

Stamina. Filamenta octo capillaria; antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum, superne villosum, ad basin glanduliferum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Octobrem.

REFERENTIA.

1. Folium.

2. Idem lente auctum.

3. Calyx lente auctus.

4. Stamina a Pistillo diducta; antherâ unâ lente auctâ.

5. Germen et Pistillum, stigmate lente aucto.

6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom; which is nearly cylindrical, and purple; flowers grow in umbels, nearly terminal; leaves by fours, rolled back, sharp-pointed, and smooth.

DESCRIPTION.

Stem shrubby, a foot high, very branching, branches flexuose, and thread-shaped.

Leaves by fours, three-sided, rolled back, sharp-pointed, and shining, flat on their upper surface, and furrowed beneath; footstalks long, and pressed to the branches.

Flowers grow in bunches, nearly terminal; footstalks short, and furnished with three awl-shaped floral leaves.

Empalement. Cup four-leaved; leaflets awl-shaped, keeled, and sharp-pointed.

Blossom nearly cylindrical, narrowed at the mouth, an inch long, and purple; the segments of the border are egg-shaped, and rolled back.

Chives. Eight hair-like threads; tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed, villose on the upper part, and glandular at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July till October.

REFERENCE.

1. A Leaf.

2. The same magnified.

3. The Empalement magnified.

4. The Chives detached from the Pointal, one tip magnified.

5. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Erica, acuminata

ERICA Andromedæflora.

CHARACTER SPECIFICUS.

Erica, antheris cristatis, inclusis: floribus axillaribus, sub-terminalibus, declinatis: corollis ovatis, magnis, incarnatis: foliis ternatis, subulatis, acutis: caulis erectus: rami verticillati.

DESCRIPTIO.

Caulis erectus, gracilis: ramis superioribus brevibus: inferioribus longioribus, verticillatis.

Folia ternata, sub-trigona, subulata, arcuata, acuta, supra plana, subtus sulcata.

Flores axillares, sub-terminales: ramis superioribus brevissimis spicæ formam exhibentibus: ramis ad basin plantæ longis, verticillatis.

Calyx. Perianthium tetraphyllum: foliolis lato-ovatis, acutis, coloratis, magnis, adpressis.

Corolla ovata, basi inflata, magna, et incarnata: laciniis rectis, rotundatis.

Stamina. Filamenta octo, plana; antheræ cristatæ, inclusæ.

Pistillum. Germen conicum, sulcatum. Stylus filiformis, inclusus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martio in Junium.

REFERENTIA.

1. Calyx.
2. Corolla.
3. Eadem expansa.
4. Stamina et Pistillum.
5. Stamen unicum lente auctum.
6. Germen et Pistillum, stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips within the blossom: flowers grow from the axillæ of the leaves, nearly terminal, and bending downwards: blossom egg-shaped, large and flesh-coloured: leaves by threes, awl-shaped, and pointed: stem upright: branches whorled.

DESCRIPTION.

Stem upright, slender: the upper branches short: those below are longer, and grow in whorls.

Leaves by threes, nearly three-sided, awl-shaped, bowed, and pointed, flat on their upper surface, and furrowed beneath.

Flowers grow from the insertion of the leaves, nearly terminal. The branches on the upper part are very short, and bear the appearance of a spike. The branches on the lower part of the plant are long, and whorled.

Empalement. Cup four-leaved; leaflets are broadly egg-shaped, pointed, coloured, large, and pressed to the blossom.

Blossom egg-shaped, swelled at the base, large, and flesh-coloured: the segments are straight out, and rounded.

Chives. Eight threads, flat: tips crested, and within the blossom.

Pointal. Seed-bud conical, furrowed. Shaft thread-shaped, and within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from March till June.

REFERENCE.

1. The Empalement.
2. A Blossom.
3. The same spread open.
4. The Chives and Pointal.
5. A Chive magnified.
6. Seed-bud and Pointal, summit magnified.
7. Seed-bud magnified.

Erica, Andromedæflora

ERICA aristata.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, inclusis; floribus umbellatis, sub-ampullaceis, lucidis, viscosis, striatis; foliis quaternis et quinis, retortis, lucidis, aristatis; caule humili.

DESCRIPTIO.

Caulis fruticosus, vix pedalis, ramosus; rami et ramuli flexuosi, filiformes.

Folia quaterna et quina, sub-trigona, revoluta, lucida, subtus sulcata.

Flores in ramis terminales fasciculati, plerumque quaterni; pedunculi longi, colorati, bracteis tribus lanceolatis instructi.

Calyx tetraphyllum; foliolis lanceolatis, viscosis, adpressis.

Corolla inflato-tubulosa, ore arctata, saturate purpurea, pollicaria, lucida, laciniis rotundatis, expansis, albicantibus.

Stamina. Filamenta octo capillaria; antheris inclusis, basi bicornibus.

Pistillum. Germen oblongum, sulcatum. Stylus exertus, albus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Novembris in Januarium, iterumque ineunte æstate.

REFERENTIA.

1. Folium lente auctum.
2. Folii inferior pars lente aucta.
3. Calyx lente auctus.
4. Stamina diducta, antherâ unicâ lente auctâ.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips two-horned at their base, within the blossoms; flowers grow in umbels, nearly flask-shaped, shining, clammy, and striped; leaves by fours and fives, rolled back, shining, and bearded; stem low.

DESCRIPTION.

Stem shrubby, scarce a foot high, branching; the small and large branches are flexuose, and thread-shaped.

Leaves by fours and fives, nearly three-sided, rolled back, shining, and furrowed beneath.

Flowers terminate the branches in bunches, mostly in fours; footstalks long, coloured, and furnished with three lance-shaped floral leaves.

Empalement four-leaved; leaflets lance-shaped, viscous, and pressed to the blossom.

Blossom of an inflated tubular form, narrowed at the mouth, which is of a deep purple, an inch long, and shining; the segments of the border are rounded, spread, and white.

Chives. Eight hair-like threads; tips within the blossom, and two-horned at their base.

Pointal. Seed-bud of an oblong form, and furrowed. Shaft without the blossom, and white. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from November till January, and again early in summer.

REFERENCE.

1. A Leaf magnified.
2. The underside of a leaf magnified.
3. The Empalement magnified.
4. The Chives detached, one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica, aristata

ERICA aspera.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis; corollis tubulato-ventricosis, setis densissime circumsessis, luteis; foliis quaternis, rigidis, aculeatis.

DESCRIPTIO.

Caulis erectus, bipedalis. Rami pauci; ramuli numerosi, simplices.

Folia quaterna, lanceolata, aculeata, subtus sulco exarata, petiolis adpressis.

Flores in ramulis terminales, umbellati, terni vel seni, cernui; pedunculi brevissimi, bracteis tribus, hispidis, subulatis, adpressis.

Calyx tetraphyllum; foliolis hispidis, canaliculatis, lanceolatis.

Corolla tubulato-ventricosa, setis densissime circumsessa, pollicaria, ore obsolete quadrifida.

Stamina. Filamenta octo, capillaria; antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, villosum, albicans. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Octobris in Februarium.

REFERENTIA.

1. Folium lente auctum.
2. Pagina inferior folii lente aucta.
3. Calyx lente auctus.
4. Stamina diducta, antherâ unicâ lente auctâ.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossoms, which are of an inflated tubular shape, closely beset with bristles, and of a yellow colour; leaves by fours, harsh, and prickly.

DESCRIPTION.

Stem upright, two feet high; branches few, the small branches are numerous and simple.

Leaves grow by fours, are lance-shaped, prickly, and deeply furrowed beneath, foot-stalks pressed to the stem.

Flowers terminate the small branches in umbels of from three to six, nodding; peduncles very short, furnished with three floral leaves, hispid, awl-shaped, and pressed to the cup.

Empalement four-leaved; the leaflets are hispid, channelled, and lance-shaped.

Blossom of an inflated tubular form, closely beset with bristles, an inch long; the mouth is slightly divided into four segments.

Chives. Eight hair-like threads; tips beardless, and within the blossom.

Pointal. Seed-vessel turban-shaped, hairy, and whitish. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from October till February.

REFERENCE.

1. A Leaf magnified.
2. The under side of a leaf magnified.
3. The Empalement magnified.
4. The Chives detached, one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

1
2
3
4
5
6
Erica aspera

ERICA aurea, *flore pallido.*

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-inclusis: floribus verticillatis: corollis cylindraceis, luteis: foliis senis, linearibus: caule erecto, fruticoso.

DESCRIPTIO.

Caulis fruticosus, pedalis, sub-erectus: ramis patentibus.

Folia sena, linearia, patentia, apice incurvata: petiolis longis.

Flores horizontaliter verticillati, prope ramorum summitatem: pedunculis brevissimis.

Calyx. Perianthium tetraphyllum: foliolis lanceolatis, cum bracteis tribus adpressis.

Corolla cylindracea, luteolo-aurea, apice inflata; oris laciniis magnis, albicantibus, et patentibus.

Stamina. Filamenta octo capillaria: antheris muticis, sub-inclusis.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Junii in Octobrem.

REFERENTIA.

1. Calyx lente auctus.

2. Corolla.

3. Stamina à Pistillo diducta, antherâ unâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips just within the blossom: flowers grow in whorls: blossom cylindrical and yellow: leaves by sixes, and linear: stem upright and shrubby.

DESCRIPTIO.

Stem shrubby, a foot high, nearly upright: branches spreading.

Leaves by sixes, linear, spreading, and turning inwards at the points: footstalks long.

Flowers grow horizontally in whorls near the summits of the branches: footstalks very short.

Empalement. Cup four-leaved; leaflets lance-shaped, with three floral leaves pressed to them.

Blossom cylindrical, of a yellow gold colour, swelled at the end: segments of the border large, whitish and spreading.

Chives. Eight hair-like threads: tips beardless, and just within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with honey-cups at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from June till October.

REFERENCE.

1. The Empalement magnified.

2. A Blossom.

3. The Chives detached from the Pointal, one tip magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Erica, aurea, flore pallido

ERICA australis.

CHARACTER SPECIFICUS.

Erica, antheris cristatis inclusis, corollis cylindraceo-urceolatis, pallide purpureis, fragrantibus; floribus terminalibus; foliis quaternis.

DESCRIPTIO.

Caulis erectus, fruticosus, ramosus, bipedalis; rami et ramuli filiformes.

Folia quaterna, obtusa, curvata, subtus sulcata.

Flores terminales, in ramulis numerosis, quaterni, pedunculis brevibus.

Calyx. Perianthium duplex, exterius triphyllum; foliolis ovatis, ad interiores adpressis, imbricatis; interius tetraphyllum, foliolis majoribus, fimbriatis.

Corolla cylindraceo-urceolata, odorata, pallide-purpurea; laciniis revolutis.

Stamina. Filamenta octo capillaria; antheræ cristatæ, inclusæ.

Pistillum. Germen tiaræforme, tenuissime lanâ tecta, ad basin nectariferum. Stylus filiformis. Stigma tetragonum.

Habitat in Lusitania.

Floret a mense Martio in Julium.

REFERENTIA.

1. Inferior pars Folii lente aucta.
2. Calyx lente auctus.
3. Corolla.
4. Stamina et Pistillum corollâ diducta, antherâ unicâ lente auctâ.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips within the blossoms, which are of a cylindrical pitcher-shape, pale purple, and sweet-scented; flowers terminal; leaves by fours.

DESCRIPTION.

Stem upright, shrubby, and branching, two feet high; the larger and smaller branches are thread-shaped.

Leaves by fours, blunt-ended, curved, and furrowed beneath.

Flowers terminate the numerous small branches, by fours, with short footstalks.

Empalement. Cup double; the outer one is three-leaved; leaflets egg-shaped, pressed to the inner ones, and tiled; the inner is four-leaved, with larger leaflets, and fringed.

Blossom cylindrically pitcher-shaped, sweet-scented, and of a pale purple; segments of the border are rolled back.

Chives. Eight hair-like threads; tips crested, and within the blossom.

Pointal. Seed-bud turban-shaped, slightly covered with wool, with honey-cups at the base. Shaft thread-shaped. Summit four-cornered.

Native of Portugal.

Flowers from the month of March till July.

REFERENCE.

1. The under side of the Leaf magnified.
2. The Empalement magnified.
3. A Blossom.
4. The Chives and Pointal detached from the blossom, one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica australis

ERICA Banksia, *purpurea.*

CHARACTER SPECIFICUS.

Erica, antheris muticis, exsertis; filamenta plana, longissima, conniventia; corollis cylindricis, luteolo-albis; oris laciniis saturate purpureis. Caulis decumbens. Folia terna.

DESCRIPTIO.

Frutex pygmæus, sub-spithamæus, rigidus, ramosissimus.

Folia terna, subulata, trigona, mucronata; subtus sulcata; supra plana, glabra, profunde viridia.

Flores in ultimis ramulis, terni, cernui; pedunculis brevissimis.

Calyx. Perianthium duplex, exterius triphyllum; foliolis lanceolatis, rigidis; interius tetraphyllum, foliolis longioribus.

Corolla cylindrica, luteolo-alba; oris laciniis patentibus, saturate-purpureis.

Stamina. Filamenta octo plana, coalescentia, tubum formantia; antheræ muticæ, exsertæ, patentes.

Pistillum. Germen tiaræforme. Stylus filiformis. Stigma tetragonum, concavum.

Habitat ad Caput Bonæ Spei.

Floret a mense Augusti in Octobrem.

REFERENTIA.

1. Calyx lente auctus.
2. Corolla.
3. Stamina et Pistillum.
4. Germen et Pistillum, stigmate lente aucto.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, without the blossom; the threads are flat, very long, and closed together; blossom cylindrical, of a yellowish white; the segments of the mouth are of a deep purple. Stem drooping. Leaves by threes.

DESCRIPTION.

A dwarf shrub, scarce a foot high, harsh, and very much branched.

Leaves by threes, awl-shaped, three-sided, and mucronated; furrowed beneath, and smooth on the upper surface, flat, and of a deep green colour.

Flowers grow by threes at the ends of the small branches, hanging down, with very short foot-stalks.

Empalement. Cup double, the outer three-leaved; leaflets lance-shaped and harsh; the inner four-leaved, and longer than the outer.

Blossom cylindrical, of a yellowish white; the segments of the border spreading, and of a deep purple.

Chives. Eight threads flat and close together, forming a tube; tips beardless, without the blossom, and spreading.

Pointal. Seed-bud turban-shaped. Shaft thread-shaped. Summit four-cornered and hollow.

Native of the Cape of Good Hope.

Flowers from August till October.

REFERENCE.

1. The Empalement magnified.
2. A Blossom.
3. The Chives and Pointal.
4. Seed-bud and Pointal, summit magnified.
5. Seed-bud magnified.

Erica. Banksia. purpurea

ERICA blanda.

CHARACTER SPECIFICUS.

Erica, antheris exertis, basi bicornibus; floribus terminalibus, confertis, umbellatis; corollis subcylindricis, incarnatis; foliis senis, obtusis, confertis, curvatis.

DESCRIPTIO.

Caulis fruticosus, spithamæus, teres; rami numerosi, recurvato-adscendentes.

Folia plerumque sena, linearia, obtusa, asperiuscula, basi recurvata, apice adscendentia, petiolis longis, adpressis.

Flores numerosi, terminales, umbellati, horizontaliter siti; pedunculi longi, colorati.

Calyx. Perianthium tetraphyllum; foliolis subulatis, carinatis, adpressis.

Corolla sub-cylindrica, incarnata, læviter tomentosa, laciniis æqualibus, erectis.

Stamina. Filamenta octo capillaria; antheræ exertæ, basi bicornes.

Pistillum. Germen tiaræforme, sulcatum. Stylus exertus. Stigma emarginatum, concavum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprilis in Septembrem.

REFERENTIA.

1. Calyx.

2. Idem lente auctus.

3. Stamina a Pistillo diducta; antherâ unâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips two-horned at their base, and without the blossom; flowers terminal in crowded bunches; blossom nearly cylindrical, and flesh-coloured; leaves by sixes, obtuse, crowded, and curved.

DESCRIPTION.

Stem shrubby, a span high, round; branches numerous bending downwards, and ascending.

Leaves mostly by sixes, linear, obtuse, and roughish, bent downwards at the base, with ascending points; footstalks long, and pressed to the blossom.

Flowers numerous, in terminal bunches, in a horizontal direction; footstalks long, and coloured.

Empalement. Cup four-leaved; leaflets awl-shaped, keeled, and pressed to the blossom.

Blossom nearly cylindrical, flesh-coloured, slightly downy; the segments of the border are equal, and upright.

Chives. Eight hair-like threads; tips without the blossom, and two-horned at their base.

Pointal. Seed-bud turban-shaped, furrowed. Shaft without. Summit bordered, and hollow.

Native of the Cape of Good Hope.

Flowers from April till September.

REFERENCE.

1. The Empalement.

2. The same magnified.

3. The Chives detached from the Pointal, summit magnified.

4. Seed-bud and Pointal magnified.

5. Seed-bud magnified.

Erica, blanda

ERICA Blandfordia.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, inclusis: floribus tubulosis, brevissimis, sessilibus, luteis, in ramulis terminalibus: foliis quaternis, linearibus, glabris: caulis fruticosus, gracilis, erectus.

DESCRIPTIO.

Caulis sesquipedalis, gracilis, fruticosus, erectus.

Folia quaterna, linearia, obtusa, glabra, supra plana, subtus sulcata.

Flores plures, sessiles, in ramulis terminales, plerumque bini, horizontaliter siti: ad apices ramorum flores conferti in ramulis brevissimis, spicam formantes.

Calyx. Perianthium tetraphyllum: foliolis lato-ovatis, apice virescentibus, infra pallidioribus: bracteis duabus adpressis.

Corolla urceolata, lutea, glabra, ore arctata: laciniis rotundatis, reflexis.

Stamina. Filamenta octo, capillaria; antheræ aristatæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martio in Junium.

REFERENTIA.

1. Calyx lente auctus.
2. Corolla.
3. Stamina et Pistillum.
4. Stamen unicum lente auctum.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips within the blossom: flowers are tubular, very short, sessile, of a yellow colour, and terminating the smaller branches: leaves by fours, linear, and smooth: stem shrubby, slender, and upright.

DESCRIPTION.

Stem a foot and a half high, slender, shrubby, and upright.

Leaves by fours, linear, obtuse, and smooth, flat on the upper surface, and furrowed beneath.

Flowers numerous, sessile, and terminating the smaller branches, mostly by twos, in a horizontal direction: near the end of the larger branches: the flowers are crowded together on very short branches, forming a spike.

Empalement. Cup four-leaved; leaflets are broadly egg-shaped, greenish at the point, and paler beneath: with two floral leaves pressed to them.

Blossom jar-shaped, yellow, smooth, and narrowed at the mouth: the segments are roundish, and reflexed.

Chives. Eight hair-like threads: tips bearded, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from March till June.

REFERENCE.

1. The Empalement magnified.
2. A Blossom.
3. The Chives and Pointal.
4. A Chive magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Ewan, Blomfield.

ERICA Blandfordia.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, inclusis: floribus tubulosis, brevissimis, sessilibus, luteis, in ramulis terminalibus: foliis quaternis, linearibus, glabris: caulis fruticosus, gracilis, erectus.

DESCRIPTIO.

Caulis sesquipedalis, gracilis, fruticosus, erectus.

Folia quaterna, linearia, obtusa, glabra, supra plana, subtus sulcata.

Flores plures, sessiles, in ramulis terminales, plerumque bini, horizontaliter siti: ad apices ramorum flores conferti in ramulis brevissimis, spicam formantes.

Calyx. Perianthium tetraphyllum: foliolis lato-ovatis, apice virescentibus, infra pallidioribus: bracteis duabus adpressis.

Corolla urceolata, lutea, glabra, ore arctata: laciniis rotundatis, reflexis.

Stamina. Filamenta octo, capillaria; antheræ aristatæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martio in Junium.

REFERENTIA.

1. Calyx lente auctus.
2. Corolla.
3. Stamina et Pistillum.
4. Stamen unicum lente auctum.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips within the blossom: flowers are tubular, very short, sessile, of a yellow colour, and terminating the smaller branches: leaves by fours, linear, and smooth: stem shrubby, slender, and upright.

DESCRIPTION.

Stem a foot and a half high, slender, shrubby, and upright.

Leaves by fours, linear, obtuse, and smooth, flat on the upper surface, and furrowed beneath.

Flowers numerous, sessile, and terminating the smaller branches, mostly by twos, in a horizontal direction: near the end of the larger branches: the flowers are crowded together on very short branches, forming a spike.

Empalement. Cup four-leaved; leaflets are broadly egg-shaped, greenish at the point, and paler beneath: with two floral leaves pressed to them.

Blossom jar-shaped, yellow, smooth, and narrowed at the mouth: the segments are roundish, and reflexed.

Chives. Eight hair-like threads: tips bearded, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from March till June.

REFERENCE.

1. The Empalement magnified.
2. A Blossom.
3. The Chives and Pointal.
4. A Chive magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica Broadleyana

ERICA Broadleyana.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: flores solitarii, penduli: pedunculi longi: corolla metulæformis: folia terna: caulis erectus, fragilis.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossom: flowers solitary, hanging down: footstalks long: blossom skittle-shaped: leaves by threes: stem upright and brittle.

DESCRIPTIO.

Caulis fragilis, sesquipedalis, erectus, fruticosus, ramulis numerosis.

Folia terna, linearia, arcuata, acuta, glabra, fasciculata.

Flores solitarii, penduli, in medio ramorum spicam laxam formantes: pedunculi longi, colorati: bracteis tribus infra minutis.

Calyx tetraphyllus: foliolis lanceolatis, adpressis.

Corolla metulæformis, rubro-purpurea: laciniis exiguis, erectis, luteis.

Stamina. Filamenta octo capillaria: antheræ muticæ, inclusæ.

Pistillum. Germen oblongum, leviter sulcatum, ad basin nectariferum. Stylus filiformis, exsertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret in mensibus autumnalibus.

DESCRIPTION.

Stem brittle, a foot and a half high, upright, and shrubby, with numerous small branches.

Leaves by threes, linear, bowed, pointed, smooth, and bundled.

Flowers grow singly, hanging down, and forming a loose spike about the middle of the branches: footstalks long, and coloured, with three minute floral leaves on the lower part.

Empalement four-leaved: leaflets lance-shaped, and pressed to the blossom.

Blossom skittle-shaped, of a red purple colour: the segments of the border are small, upright, and yellow.

Chives. Eight hair-like threads: tips beardless, and within the blossom.

Pointal. Seed-bud oblong, lightly furrowed, with honey-cups at the base. Shaft thread-shaped, without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers during the autumnal months.

REFERENTIA.

1. Calyx.

2. Stamina à Pistillo diducta, antherâ unâ lente auctâ.

3. Germen et Pistillum, stigmate lente aucto.

REFERENCE.

1. The Empalement.

2. The Chives detached from the Pointal, one tip magnified.

3. Seed-bud and Pointal, summit magnified.

ERICA calycina, *major*.

CHARACTER SPECIFICUS.

Erica, antheris cristatis, inclusis; floribus umbellatis; corollis urceolatis, saturate carneis. Calycis foliola corollâ longiora, foliis ternis. Rami virgati.

DESCRIPTIO.

Caulis virgatus, pedalis. Rami et ramuli flexuosissimi.

Folia terna, lanceolata, trigona, supra plana, glabra, acuminata, adpressa, læte viridia.

Flores in ultimis ramulis terminales, umbellati. Pedunculi carnei, bracteis tribus coloratis instructi.

Calyx. Perianthium tetraphyllum; foliolis spathulatis, acuminatis, carneis, ad basin virescentibus, corollâ longioribus.

Corollâ urceolata, saturate carnea, ad basin pallida; oris laciniis patentibus, acuminatis.

Stamina. Filamenta octo capillaria; antheris cristatis, inclusis.

Pistillum. Germen tiaræforme. Stylus subinclusus, filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Junii in Octobrem.

REFERENTIA.

1. Pagina inferior Folii lente aucta.
2. Calyx magnitudine naturæ.
3. Corolla.
4. Stamina a Pistillo diducta.
5. Stamen unum lente auctum.
6. Germen et Pistillum, stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips, within the blossom. The flowers grow in umbels. Blossom pitcher-shaped, and of a deep flesh colour. The leaves of the cup are longer than the flower. Leaves by threes. Branches twiggy.

DESCRIPTION.

Stem twiggy, a foot high. The small and large branches are very flexuose.

Leaves by threes, lance-shaped, three-sided, flat on the upper surface, smooth, sharp-pointed, pressed to the branches, and of a bright green.

Flowers terminate the small branches in umbels. Footstalks flesh-coloured, and furnished with three coloured floral leaves.

Empalement. Cup four-leaved; leaflets spathula-shaped, sharp-pointed, flesh-coloured, greenish at the base, and longer than the flower.

Blossom pitcher-shaped, of a deep flesh colour, pale at the base. The segments of the border are spreading, and sharp-pointed.

Chives. Eight hair-like threads; tips crested, and within the blossom.

Pointal. Seed-bud turban-shaped. Shaft within the blossom, and thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from June till September.

REFERENCE.

1. The under side of a Leaf magnified.
2. The Empalement, natural size.
3. A Blossom.
4. The Chives and Pointal detached from the blossom.
5. A Chive magnified.
6. Seed-bud and Pointal, summit magnified.
7. Seed-bud magnified.

Erica, rubriana mihi

ERICA calycina, *minor*.

CHARACTER SPECIFICUS.

Erica, antheris cristatis, inclusis. Folia terna. Rami filiformes. Flores terni, minuti, urceolati, saturate carnei. Calycis foliola corollâ longiora.

DESCRIPTIO.

Caulis filiformis, spithamæus, erecto-patens, ramosissimus.

Folia terna, lanceolata, subtus sulcata, supra plana, glabra, adpressa.

Flores terni, in ultimis ramulis terminales. Pedunculi carnei, bracteis tribus minutis coloratis instructi.

Calyx. Perianthium tetraphyllum; foliolis spathulatis, carneis, corollâ longioribus.

Corolla minuta, urceolata, saturate carnea, ad basin pallida; oris laciniis patentibus.

Stamina. Filamenta octo, capillaria; antheris cristatis, inclusis.

Pistillum. Germen tiaræforme. Stylus inclusus, filiformis. Stigma tetragonum, reflexum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Octobrem.

REFERENTIA.

1. Folium auctum.
2. Calyx et Corolla.
3. Calyx lente auctus.
4. Corolla.
5. Stamina a Pistillo diducta.
6. Stamen unum lente auctum.
7. Germen et Pistillum, stigmate lente aucto.
8. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips, within the blossom. Leaves by threes. Branches thread-shaped. The flowers grow by threes, are small, pitcher-shaped, and of a deep flesh colour. The leaves of the cup are longer than the flower.

DESCRIPTION.

Stem thread-shaped, a span high, between erect and spreading, and very much branched.

Leaves by threes, lance-shaped, furrowed beneath, flat on the upper surface, smooth, and pressed to the branches.

Flowers grow by threes, and terminate the smaller branches. The footstalks are flesh-coloured, and furnished with three small coloured floral leaves.

Empalement. Cup four-leaved; the leaflets are spathula-shaped, flesh-coloured, and longer than the blossom.

Blossom very small, pitcher-shaped, of a deep flesh-colour, and pale at the base; the segments of the border spreading.

Chives. Eight hair-like threads; tips crested, and within the blossom.

Pointal. Seed-bud turban-shaped. Shaft within the blossom, and thread-shaped. Summit four-angled, and rolled back.

Native of the Cape of Good Hope.

Flowers from the month of July till October.

REFERENCE.

1. A Leaf magnified.
2. The Empalement and Blossom.
3. The Empalement magnified.
4. A Blossom.
5. The Chives and Pointal, detached from the blossom.
6. A Chive magnified.
7. Seed-bud and Pointal, summit magnified.
8. Seed-bud magnified.

Erica vestita

ERICA canaliculata.

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-exertis, nigris; floribus terminalibus, ternis, pallide purpureis, cernuis; caule erecto; foliis ternis, erectis, canaliculatis.

DESCRIPTIO.

Caulis fruticosus, erectus, ferrugineus; rami et ramuli verticillati, numerosi.

Folia terna, erecta, obtusa, supra plana, subtus canaliculata.

Flores in ultimis ramulis terminales, plerumque terni, nutantes; pedunculi longi, colorati, bracteis tribus adpressis.

Calyx. Perianthium tetraphyllum; foliolis ovatis, coloratis, adpressis.

Corolla campanulata, pallide purpurea; oris laciniis ovatis, acutis.

Stamina. Filamenta octo, capillaria; antheræ muticæ, sub-exertæ.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martio in Maium.

REFERENTIA.

1. Pagina inferior Folii lente aucta.
2. Calyx lente auctus.
3. Corolla.
4. Stamina a Pistillo diducta, antherâ unâ lente auctâ.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips just without the blossom; flowers terminal, by threes, of a pale purple, nodding; stem upright; leaves by threes, upright, and channelled.

DESCRIPTION.

Stem shrubby, upright, and rusty; the larger and smaller branches are whorled, and numerous.

Leaves by threes, upright, blunt, flat on the upper surface, and channelled beneath.

Flowers terminate the ends of the smaller branches, mostly by threes, hanging down; footstalks long, and coloured, with three floral leaves pressed to them.

Empalement. Cup four-leaved; leaflets are ovate, coloured, and pressed to the blossom.

Blossom bell-shaped, and of a pale purple; segments of the border are egg-shaped, and sharp-pointed.

Chives. Eight hair-like threads; tips beardless, and just without the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with honey-cups at their base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of March till May.

REFERENCE.

1. The under side of a Leaf magnified.
2. The Empalement magnified.
3. A Blossom.
4. The Chives detached from the Pointal, one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica, canaliculata minor.

ERICA clavata.

CHARACTER SPECIFICUS.

Erica, antheris muticis, exertis, nigris: floribus terminalibus, pendulis: corolla clavata, viridis: calyx duplex: foliis ternis: caulis brevis, fruticosus.

DESCRIPTIO.

Caulis erectus, humilis, ramosus: ramuli patentes, numerosi, verticillati.

Folia terna, linearia, obtusa, recta, glabra.

Flores terni, in apicibus ramulorum, dependentes; pedunculi fere nulli.

Calyx. Perianthium duplex: exterius triphyllum, interius tetraphyllum: foliolis ad basin lato-ovatis, superne subulatis.

Corolla clavata, viridis: laciniis limbi erectis.

Stamina. Filamenta octo, linearia: antheræ muticæ, exertæ, nigræ.

Pistillum. Germen tiaræforme. Stylus filiformis, staminibus paulo longior. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martii in Junium.

REFERENTIA.

1. Calyx lente auctus.
2. Corolla.
3. Stamina et Pistillum.
4. Germen et Pistillum, stigmate lente aucto.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips without the blossom, and black: flowers terminate the branches, and hang down: blossom club-shaped, and green: cup double: leaves by threes: stem short, and shrubby.

DESCRIPTION.

Stem upright, low, and branching: the smaller branches are spreading, numerous, and whorled.

Leaves by threes, linear, obtuse, straight, and smooth.

Flowers grow by threes at the ends of the smaller branches, and hang down, with scarcely any footstalks.

Empalement. Cup double: the outer one is three-leaved; the inner one four-leaved: the leaflets are broadly ovate at the base, and on the upper part awl-shaped.

Blossom club-shaped and green: the segments of the border are upright.

Chives. Eight linear threads: tips beardless, without the blossom, and black.

Pointal. Seed-bud turban-shaped. Shaft thread-shaped, and a little longer than the chives. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from March till June.

REFERENCE.

1. The Empalement magnified.
2. A Blossom.
3. The Chives and Pointal.
4. Seed-bud and Pointal, summit magnified.
5. Seed-bud magnified.

Erica, clavata

ERICA cordata.

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-exertis; floribus terminalibus, confertissime capitatis, globosis; frutex pygmæus; foliis ternis, cordatis, villosis; ramis numerosis, confertis.

DESCRIPTIO.

Caulis humilis, spithamæus; rami et ramuli numerosi, conferti, flexuosi, patentes.

Folia terna, cordata, patentes, marginibus revolutis, supra villosa, subtus lanata.

Flores terminales, in apicibus ramulorum, confertissimi, capitati, erecti; pedunculi breves, bracteis tribus.

Calyx. Perianthium tetraphyllum; foliolis subulatis, villosis, adpressis.

Corolla globosa, glabra, albida; laciniis limbi rotundatis, patentibus.

Stamina. Filamenta octo, capillaria; antheræ muticæ, sub-exertæ, nigræ.

Pistillum. Germen tiaræforme, sulcatum, superne villosum, ad basin glandulosum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Junium.

REFERENTIA.

1. Folium lente auctum.
2. Idem subtus lente auctum.
3. Calyx et Corolla.
4. Stamina et Pistillum.
5. Stamen lente auctum.
6. Germen et Pistillum, stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips just without the blossom; flowers terminal, in very crowded heads, and globular; a dwarf shrub; leaves by threes, heart-shaped, and hairy; branches numerous, and crowded.

DESCRIPTION.

Stem low, a span high; the large and small branches are numerous, crowded together, flexuose, and spreading.

Leaves by threes, heart-shaped, spreading, rolled back at the edges, hairy on the upper surface, and woolly beneath.

Flowers terminal, crowded very close together at the ends of the branches in upright heads; footstalks short, furnished with three floral leaves.

Empalement. Cup four-leaved; leaflets awl-shaped, hairy, and pressed to the blossom.

Blossom globular, smooth, and white; segments of the border round, and spreading.

Chives. Eight hair-like threads; tips beardless, just without the blossom, and black.

Pointal. Seed-bud turban-shaped, furrowed, hairy above, and glandular at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April till June.

REFERENCE.

1. A Leaf magnified.
2. The under side of the same magnified.
3. The Empalement and Blossom.
4. The Chives and Pointal.
5. A Chive magnified.
6. Seed-bud and Pointal, summit magnified.
7. The Seed-bud magnified.

Erica cordata

ERICA curviflora, *rubra.*

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-exertis: floribus tubulosis, curvatis: pedunculis brevissimis. Folia quaterna. Caulis fruticosus.

DESCRIPTIO.

Caulis pedalis et ultra. Rami et ramuli numerosi, erecto-patentes.

Folia quaterna, glabra, linearia, obtusa.

Flores ramulos terminant, solitarii, patentes, racemum sparsum formantes. Pedunculi brevissimi, bracteis tribus instructi.

Calyx tetraphyllus: foliolis ad basin ovatis, dentatis, apice subulatis.

Corolla curvata, clavata, pollicaris, rubra, limbo albicante: laciniis expansis.

Stamina. Filamenta octo capillaria. Antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis, exertus. Stigma concavum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Januarium.

REFERENTIA.

1. Folii inferior pars lente aucta.

2. Calyx lente auctus.

3. Corolla.

4. Stamina et Pistillum, antherâ unâ lente auctâ.

5. Germen et Pistillum, stigmate lente aucto.

6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips just without the blossom. Flowers tubular, and curved. Footstalks very short. Leaves by fours. Stem shrubby.

DESCRIPTION.

Stem a foot or more high. The large and small branches are numerous, erect, and spreading.

Leaves by fours, smooth, linear, and blunt-ended.

Flowers terminate the branches singly, spreading out, and forming a scattered spike. Footstalks very short, and furnished with three floral leaves.

Empalement four-leaved: the leaflets at the base are ovate, toothed, and awl-shaped at the end.

Blossom curved, club-shaped, an inch long, red, with a whitish border: segments expanded.

Chives. Eight hair-like threads: tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped, without. Summit hollow.

Native of the Cape of Good Hope.

Flowers from July till January.

REFERENCE.

1. A Leaf shown from the under side magnified.

2. The Empalement magnified.

3. A Blossom.

4. Chives and Pointal, one tip magnified.

5. Seed-bud and Pointal, summit magnified.

6. Seed-bud magnified.

Erica, curviflora, rubra

ERICA decora.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: floribus axillaribus, spicatis: corollis campanulatis, costatis, saturate carneis, dependentibus: foliis senis, arcuatis, obtusis: caule gracili.

DESCRIPTIO.

Caulis fruticosus, sesquipedalis, sub-erectus, gracilis: rami et ramuli verticillati.

Folia sena, linearia, obtusa, arcuata, petiolis longis adpressis.

Flores spicati, laxi, in medio ramulorum, axillares, dependentes: pedunculi longi, colorati.

Calyx. Perianthium tetraphyllum: foliolis lanceolatis, bracteis tribus calycibus adpressis.

Corolla campanulata, costata, saturate carnea: oris laciniis reflexis.

Stamina. Filamenta octo linearia: antheræ muticæ, inclusæ.

Pistillum. Germen coronæforme, pubescens, album, ad basin nectariferum. Stylus subinclusus, filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Novembris in Januarium.

REFERENTIA.

1. Calyx lente auctus.
2. Corolla.
3. Stamina lente aucta.
4. Germen et Pistillum, stigmate lente aucto.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossom: the flowers grow from the footstalks of the leaves in spikes: blossom bell-shaped, ribbed, of a deep flesh colour, and hanging down: leaves by sixes, bowed, and blunt-ended: stem slender.

DESCRIPTION.

Stem shrubby, a foot and a half high, nearly upright, and slender: the large and small branches grow in whorls.

Leaves by sixes, linear, blunt, and bowed, with long footstalks pressed to the stem.

Flowers grow in lsooe spikes about the middle of the branches from the footstalks of the leaves, and hang down: footstalks long, and coloured.

Empalement. Cup four-leaved: leaflets lance-shaped, with three floral leaves pressed to the cup.

Blossom bell-shaped, ribbed, and of a deep flesh colour: the segments of the border are bent back.

Chives. Eight linear threads; tips beardless, and within the blossom.

Pointal. Seed-bud crown-shaped, downy, and white, with honey-cups at the base. Shaft just within the blossom, and thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from November till January.

REFERENCE.

1. The Empalement magnified.
2. A Blossom.
3. The Chives magnified.
4. Seed-bud and Pointal, summit magnified.
5. Seed-bud magnified.

Erica, decora

ERICA densa.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, inclusis: floribus numerosis e foliis porrigentibus: corollis cylindraceis, lucidis: caule erecto, pyramidato.

DESCRIPTIO.

Caulis fruticosus, sub-bipedalis, erectus, basi ramosus, dein spicam simplicem vel sæpè triplicem pyramidatam formans, ramulis brevibus vestitam.

Folia quaterna et quina, linearia, glabra, acuta: petiolis brevibus.

Flores plures, è foliis horizontaliter emergentes: pedunculis brevissimis, bracteis tribus instructis.

Calyx. Perianthium tetraphyllum: foliolis lato-lanceolatis, serrulatis: corollis adpressis.

Corolla cylindrica, oblonga, et lucida, pallidè purpurea vel luteola: limbo rosaceo.

Stamina. Filamenta octo capillaria: antheris basi bicornibus, inclusis.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Octobrem.

REFERENTIA.

1. Calyx.

2. Corolla.

3. Stamina à Pistillo diducta, antherâ unâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

SPECIFIC CHARACTER.

Heath, with tips two-horned at the base, and within the blossom: flowers numerous, standing straight out from amongst the leaves: blossom cylindrical and shining: stem upright, and pyramidal.

DESCRIPTION.

Stem shrubby, near two feet high, upright, branching out at the base, then forming a single or often a triple pyramidal spike covered by short branches.

Leaves by fours or fives, linear, smooth, and pointed, with short footstalks.

Flowers many, emerging from the leaves in a horizontal direction; footstalks very short, and furnished with three floral leaves.

Empalement. Cup four-leaved; leaflets broadly lance-shaped, finely sawed, and pressed to the blossom.

Blossom cylindrical, of an oblong form, and shining, of a pale purple or yellowish colour: border rose-coloured.

Chives. Eight hair-like threads: tips two-horned at the base, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed, with honey-cups at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July till October.

REFERENCE.

1. The Empalement.

1. A Blossom.

3. The Chives and Pointal detached from the Pointal, one tip magnified.

4. Seed-bud and Pointal, summit magnified.

Erica, densa

ERICA Echiiflora.

CHARACTER SPECIFICUS.

Erica, antheris muticis inclusis, floribus verticillato-spicatis costatis viscosis, foliis *5*, *6*, sive septenis rigidis, marginibus asperis.

DESCRIPTIO.

Suffrutex bipedalis, caulis flexuoso-erectus, ramis adscendentibus, verticillatis, ramulis simplicibus, rigidis, irregulariter sulcatis.

Folia irregulariter verticillata, sed sæpius *5*, *6*, vel septena, horizontalia, vel parum recurvata et flexuosa, apicibus incurvis, rigida, et ad margines asperiuscula, sordide viridia, supra lineâ elevatâ, subtus sulcatâ, petiolis prælongis adpressis in sulculos ramulorum.

Flores fere terminales, in spicam dense verticillati, horizontales, pedunculis pubescentibus, tribracteatis.

Calyx tetraphyllus, foliolis inferne ovatis, sed superne longe acuminatis, viscosis, pubescentibus, subtus sulcatis.

Corolla tubulosa, brevis, inflata, instar Echium, saturate carnea, costata, viscosa, laciniis patentibus, rotundatis.

Stamina octo, capillaria; antheræ muticæ inclusæ.

Pistillum. Germen tiaræforme, lanuginosum, glandulis 8 nectariferis; stylus filiformis; stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Februarii in Maium.

REFERENTIA.

1. Calyx cum bracteis lente auctus.

2. Corolla.

3. Stamina et Pistillum antherâ unicâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lanatum, lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom, flowers in whorled spikes ribbed and viscous, leaves in fives, sixes or sevens, and rigid, with rough margins.

DESCRIPTION.

A small shrub, two feet high, the stem flexuose-erect, with ascending, whorled branches, and lesser branches simple, rigid, and irregularly furrowed.

Leaves irregularly whorled, but chiefly in fives, sixes, or sevens, horizontal, or a little recurved and flexuose, with incurved points, rigid, and at the margins roughish, of a dingy green colour, above marked by an elevated line, beneath channelled, with very long foot-stalks pressed into the little furrows of the branchlets.

Flowers almost terminal in a spike densely whorled, horizontal, with peduncles pubescent, and furnished with three floral leaves.

Empalement four-leaved, with the leaflets downwards egg-shaped, but upwardly far acuminated, viscous, pubescent, and furrowed beneath.

Blossom tubular, short, inflated, resembling an Echium, deep flesh-colour, ribbed, and viscous, with spreading, rounded segments.

Chives eight, hair-like; tips beardless, within the blossom.

Pointal. Seed-bud turban-shaped, woolly; with eight honey-bearing glands; shaft thread-shaped; summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of February till May.

REFERENCE.

1. The Calyx with the floral leaves magnified.

2. A Blossom.

3. The Chives and Pointal, with one tip magnified.

4. The Seed-bud and Pointal, with the summit magnified.

5. The woolly Seed-bud, magnified.

Erica Echiiflora

ERICA elegans.

CHARACTER SPECIFICUS.

Erica, antheris cristatis inclusis, corollis terminalibus, capitatis, ventricosis, foliis ternatis trigonis glaucis.

DESCRIPTIO.

Caulis robustus, fruticosus, pedalis, ramosus, ramulis patulis, cortice fuscescente.

Folia ternata, trigona, linearia, glauca, parum incurvata, sub-erecta.

Flores capitati, terminales, cernui; pedunculi colorati, bracteis tribus etiam coloratis instructi, et involucro polyphyllo; foliolis involucri ovatis, acutis, saturate roseis, apicibus viridibus.

Calyx tetraphyllus, foliolis ovatis, acutis, concavis, saturate roseis.

Corolla deorsum ventricosa, superne arctata, basi carnea, ore viridi, laciniis 4, semiovatis, obtusis.

Stamina octo, capillaria; antheræ cristatæ, inclusæ.

Pistillum. Germen tiaræforme; stylus filiformis, inclusus; stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Novembre ad Februarium.

REFERENTIA.

1. Calyx et bracteæ.
2. Corolla.
3. Stamina et Pistillum.
4. Eadem expansa.
5. Stamen lente auctum.
6. Pistillum, stigmate diducto, lenteque aucto.
7. Germen auctum.
8. Ramulus cum involucro florum.

SPECIFIC CHARACTER.

Heath, with crested tips within the blossom, blossoms terminal, headed, ventricose, leaves in threes three-sided and glaucous.

DESCRIPTION.

Stem stout, shrubby, a foot high, branched, with the branches spreading, and a brownish bark.

Leaves in threes, three-sided, linear, glaucous, a little incurved, and rather erect.

Flowers headed, terminal, cernuous; peduncles coloured, furnished with three floral leaves also coloured, and a many-leaved involucrum; with its little leaves ovate, acute, deep rose-coloured, with green points.

Empalement four-leaved, with the leaflets egg-shaped, acute, concave, and of a deep rose-colour.

Blossom bellied below, contracted above, flesh-coloured at the base, with a green mouth, with four obtuse, half-ovate segments.

Chives eight, hair-like; tips crested, within the blossom.

Pointal. Seed-bud turban-shaped; shaft thread-shaped, within the blossom; summit four-cornered.

Native of the Cape of Good Hope.

Flowers from November till February.

REFERENCE.

1. The Empalement and floral leaves.
2. The Blossom.
3. The Chives and Pointal.
4. The same expanded.
5. A Chive magnified.
6. The Pointal, with the summit detached and magnified.
7. The Germen magnified.
8. A Branch with the involucrum of the flowers.

Erica elegans

ERICA emarginata.

CHARACTER SPECIFICUS.

Erica, antheris cristatis, sub-inclusis: floribus terminalibus. Calyx emarginatus. Corolla campanulata, alba. Folia terna. Caulis erectus, dumosus.

DESCRIPTIO.

Caulis fruticosus, erectus, pedalis. Rami et ramuli numerosi, erecto-patentes.

Folia terna, trigona, crassa, rigida, revoluta, acuta, glabra, supra plana, subtus canaliculata: marginibus minute fimbriatis.

Flores ramulos terminant, plerumque terni. Pedunculi albi, bracteis tribus instructi, pilis nigris emarginatis.

Calyx tetraphyllus: foliolis ovatis, albis, adpressis, pilis nigris emarginatis.

Corolla campanulata, alba: oris laciniis æqualibus, revolutis.

Stamina. Filamenta octo capillaria. Antheræ cristatæ, sub-inclusæ.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Julium.

REFERENTIA.

1. Folium lente auctum.

2. Idem subtus lente auctum.

3. Calyx lente auctus.

4. Stamina et Pistillum, antherâ unicâ lente auctâ.

5. Germen et Pistillum lente aucta.

SPECIFIC CHARACTER.

Heath, with crested tips, just within the blossom. Flowers terminal. Empalement emarginated. Blossom bell-shaped and white. Leaves by threes. Stem upright, and bushy.

DESCRIPTIO.

Stem shrubby, upright, a foot high. The large and small branches are numerous, erect, and spreading.

Leaves by threes, three-sided, thick, rigid, rolled back, pointed and smooth, flat on their upper surface and channelled beneath; with minutely fringed edges.

Flowers terminate the smaller branches, mostly by threes. Footstalks white, and furnished with three floral leaves emarginated with black hairs.

Empalement four-leaved. Leaflets are ovate, white, pressed to the blossom, and emarginated with black hairs.

Blossom bell-shaped and white: the segments of the border are equal, and rolled back.

Chives. Eight hair-like threads. Tips crested, and just within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with honey-cups at the base. Shaft without. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April till July.

REFERENCE.

1. A Leaf magnified,

2. The under side of the same magnified.

3. Empalement magnified.

4. Chives and Pointal, one tip magnified.

5. Seed-bud and Pointal magnified.

Erica, emarginata

ERICA erubescens.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis. Corolla cylindracea, pilis glandulosis densissime circumsessa; imprimis alba, denique rosea. Calyx duplex, imbricatus. Folia quaterna, rigida, aculeata.

DESCRIPTIO.

Caulis erectus, sub-bipedalis. Rami pauci. Ramuli numerosi, simplices.

Folia quaterna, lanceolata, aculeata, subtus sulco exarata; petioli adpressi.

Flores in ramulis terminales, quaterni, nutantes; pedunculi brevissimi.

Calyx duplex: exterior triphyllus, maximus, late ovatus, sulcatus, squamosus, dentatus, interiori adpressus, qui est tetraphyllus.

Corolla cylindracea, pilis glandulosis densissime circumsessa sub-pollicaribus; os intus pilosum, laciniis rotundis, revolutis.

Stamina. Filamenta octo, capillaria; antheræ muticæ, inclusæ. Stylus filiformis, exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martio in Julium.

REFERENTIA.

1. Folii inferior pars lente aucta.
2. Calyx lente auctus.
3. Corolla lente aucta.
4. Stamina diducta; antherâ unicâ lente auctâ.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossom. Blossom cylindrical, closely beset with glandular hairs; white at first, and then dying off of a rose colour. Empalement double, and tiled. Leaves by fours, harsh, and prickly.

DESCRIPTION.

Stem upright, near two feet high. Large branches few. Smaller ones numerous, and simple.

Leaves by fours, lance-shaped, prickly, deeply furrowed beneath. The footstalks pressed to the branches.

Flowers terminate the small branches by fours, hanging down; footstalks very short.

Empalement double: the outer one three-leaved, very large, broadly egg-shaped, furrowed, scaly, and toothed; pressed to the inner one, which is four-leaved.

Blossom cylindrical, closely beset with glandular hairs near an inch long; the inner part of the mouth hairy; the segments round, and rolled back.

Chives. Eight hair-like threads; tips beardless, and within the blossom. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from March till July.

REFERENCE.

1. The underside of a Leaf magnified.
2. The Empalement magnified.
3. A Blossom magnified.
4. The Chives detached; one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica erubescens

ERICA ferruginea.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis; floribus ampullaceis, verticillatis, horizontalibus, carneis, viscosis; foliis sub-quaternis, confertis, pilis longis ferrugineis circumcessis.

DESCRIPTIO.

Caulis humilis, fruticosus, erectus, sub-pedalis; rami et ramuli flexuosi, filiformes, foliis sub-tecti.

Folia sub-quaterna, obtusa, pilis longis ferrugineis circumcessa, supra plana, subtus leviter sulcata; petiolis longis, adpressis.

Flores in ramulis terminales, simpliciter verticillati, horizontales; pedunculi colorati, hispiduli, bracteis tribus hirsutis instructi.

Calyx. Perianthium tetraphyllum; foliola lanceolata, pilis longis ferrugineis ad apices.

Corolla basi inflata, apice attenuata; ima pars carnea, summa saturate purpurea, ore arctata; laciniis acutis, patentibus.

Stamina. Filamenta octo, capillaria, receptaculo inserta; antheræ muticæ, inclusæ.

Pistillum. Germen clavatum. Stylus inclusus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Julium.

REFERENTIA.

1. Folium lente auctum.

2. Calyx lente auctus.

3. Stamina a Pistillo diducta; antherâ unâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom; flowers flask-shaped, growing in horizontal whorls, flesh-coloured, and clammy; leaves mostly by fours, crowded, and beset with long rusty-coloured hairs.

DESCRIPTION.

Stem low, shrubby, upright, and scarce a foot high; the large and small branches are flexuose, thread-shaped, and nearly covered by the leaves.

Leaves mostly by fours, blunt-ended, and beset with long rusty-coloured hairs, flat on the upper surface, and slightly furrowed beneath; footstalks long, and pressed to the branches.

Flowers terminate the smaller branches in single horizontal whorls; footstalks coloured, slightly hispid, and furnished with three hairy floral leaves.

Empalement. Cup four-leaved; leaflets lance-shaped, with long rusty-coloured hairs at their points.

Blossom inflated at the base, and tapering to the point; the lower part of a flesh-colour, the upper of a deep purple, straightened at the mouth; the segments are pointed, and spreading.

Chives. Eight hair-like threads fixed into the receptacle; tips beardless, and within the blossom.

Pointal. Seed-bud club-shaped. Shaft within. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from May till July.

REFERENCE.

1. A Leaf magnified.

2. The Empalement magnified.

3. The Chives detached from the Pointal, one tip magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Erica fuscescens

ERICA fimbriata.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, inclusis; corollis sub-globosis; calycibus fimbriatis; foliis crassis, serrulatis.

DESCRIPTIO.

Caulis fruticosus, sesquipedalis; ramis filiformibus, flexuosis.

Folia terna et quaterna, erecto-patentia, obtusa, carinata, serrulata.

Flores in extremis ramulis terminales, terni et ultra, cernuo-patentes; pedunculis brevibus, bracteis tribus fimbriatis, adpressis.

Calyx tetraphyllus; foliolis ovatis, squamosis, fimbriatis.

Corolla sub-globosa, rubro-purpurea; laciniis semi-orbiculatis, æqualibus, patentibus.

Stamina octo, capillaria; antheris basi bicornibus, inclusis.

Pistillum. Germen tiaræforme. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martii in Junium.

REFERENTIA.

1. Folium lente auctum.
2. Idem subtus.
3. Corolla.
4. Flores varietatis albæ et purpureæ.
5. Calyx et Bracteæ lente aucta.
6. Stamina et Pistillum lente aucta.
7. Stylus et Stigma lente aucta.

SPECIFIC CHARACTER.

Heath, with tips two-horned at their base, within the blossom, which is nearly globe-shaped; the empalement fringed; leaves thick, and slightly sawed.

DESCRIPTION.

Stem shrubby, half a foot high; the branches thread-shaped and pliant.

Leaves by threes and fours, erect and spreading, obtuse, keeled, and slightly sawed.

Flowers grow at the extremity of the smaller branches in threes or more, between nodding and spreading; the footstalks are short, with three fringed floral leaves pressed to the cup.

Empalement four-leaved; leaflets egg-shaped, scaly, and fringed.

Blossom nearly globular, of a red purple; the segments form a half round, equal and spreading.

Chives. Eight hair-like threads; tips two horned at the base, and within the blossom.

Pointal. Seed-vessel turban-shaped. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of March till June.

REFERENCE.

1. A Leaf magnified.
2. The under side of the same.
3. A Blossom.
4. Flowers of a white and purple variety.
5. The Empalement and floral Leaves magnified.
6. The Chives and Pointal magnified.
7. Seed-bud and Pointal magnified.

Erica, fimbriata

ERICA globosa.

CHARACTER SPECIFICUS.

Erica, antheris inclusis, basi bicornibus. Stylus exertus. Corolla globosa, incarnata, umbellata, cernua. Pedunculi longissimi. Folia terna, spathulata, patentia, glanduloso-villosa.

DESCRIPTIO.

Caulis fruticosus, sesquipedalis. Rami et ramuli numerosi, villosi, erecto-patentes.

Folia terna, spathulata, subtus carinata, supra plana; marginibus glandulosis, revolutis.

Flores in ultimis ramulis terminales, umbellati, cernui. Pedunculi longissimi, glanduloso-pilosi.

Calyx. Perianthium tetraphyllum; foliolis spathulatis, carinatis, glandulosis.

Corolla globosa, incarnata; oris laciniis obtusis, incurvatis.

Stamina. Filamenta octo, capillaria; antheris bicornibus, inclusis.

Pistillum. Germen tiaræforme, sulcatum, pilosum. Stylus filiformis, exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Augusti in Novembrem.

REFERENTIA.

1. Folium.
2. Idem subtus lente auctum.
3. Calyx et Corolla.
4. Calyx lente auctus.
5. Stamina et Pistillum.
6. Stamina a Pistillo diducta.
7. Stamen unum lente auctum.
8. Germen et Pistillum, stigmate lente aucto.
9. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips within the blossom, and two-horned at the base. Shaft without. Blossom globular, flesh-coloured, umbelled, and nodding. Footstalks very long. Leaves by threes, spathula-shaped, spreading, and glandularly hairy.

DESCRIPTION.

Stem shrubby, a foot and a half high. The large and small branches are numerous, hairy, and between erect and spreading.

Leaves by threes, spathula-shaped, keeled beneath, flat on the upper surface. The margins are glandular, and rolled back.

Flowers terminate the small branches in umbels, nodding. Footstalks very long, and glandularly hairy.

Empalement. Cup four-leaved; leaflets spathula-shaped, keeled, and glandular.

Blossom globular, flesh-coloured. The segments of the border are obtuse, and turned inwards.

Chives. Eight hair-like threads; tips two-horned, within the blossom.

Pointal. Seed-vessel turban-shaped, furrowed, and hairy. Shaft thread-shaped, without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August till November.

REFERENCE.

1. A Leaf.
2. The under side of the same, magnified.
3. The Empalement and Blossom.
4. The Empalement magnified.
5. The Chives and Pointal.
6. The Chives detached from the Pointal.
7. A Chive magnified.
8. Seed-bud and Pointal, summit magnified.
9. Seed-bud magnified.

Erica, globosa?

ERICA glutinosa *minor*.

CHARACTER SPECIFICUS.

Erica, antheris muticis inclusis, corollis glutinosissimis, verticillatis, horizontalibus, pallide viridibus, semi-uncialibus, et costatis. Folia sena.

DESCRIPTIO.

Caulis erectus, bipedalis. Rami simplices, longi, verticillati.

Folia sena, linearia acuminata, glabra, læviter sulcata, patentia.

Flores sub apicibus ramorum conferti, verticillato-horizontales. Pedunculi breves, bracteis tribus calyci adpressis.

Calyx. Perianthium tetraphyllum, foliolis lanceolatis, viscosis, adpressis.

Corolla cylindrica, semi-uncialis, pallide viridis, glutinosissima, nitida et costata, oris laciniis parum reflexis.

Stamina. Filamenta octo, capillaria; antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum et uperne sericeum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Novembri ad Aprilem.

REFERENTIA.

1. Calyx lente auctus.

2. Stamina a Pistillo diducta; anthera una lente aucta.

3. Germen et Pistillum, stigmate lente aucto.

4. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossoms, which are extremely clammy, in whorls, horizontal, and of a pale green, half an inch long, and ribbed. Leaves by sixes.

DESCRIPTION.

Stem upright, two feet high. The branches are simple, long, and whorled.

Leaves grow by sixes, are linear-pointed and smooth, slightly furrowed, and spreading.

Flowers grow near the ends of the branches, pressed together in horizontal whorls. The foot-stalks are short, having three floral leaves pressed to the cup.

Empalement. Cup four-leaved, which are lance-shaped, clammy, and pressed to the blossom.

Blossom cylindrical, half an inch long, of a pale green, very clammy, shining and ribbed, the segments of the mouth slightly reflexed.

Chives. Eight hair-like threads; tips beardless, and within the blossom.

Pointal. Seed-vessel turban-shaped, furrowed and silky at the upper part. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of November till April.

REFERENCE.

1. The Empalement magnified.

2. The Chives detached from the Pointal; one tip magnified.

3. The Seed-bud and Pointal, with the summit magnified.

4. The Seed-bud magnified.

Erica glutinosa minor

ERICA Hibbertia.

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-inclusis; corollis bi-coloratis, viscosis, sub-cylindricis, curvatis, speciosissimis; foliis senis, confertis.

DESCRIPTIO.

Caulis fruticosus, erectus, pedalis, robustus; ramis patentibus.

Folia sena, obtusa, crassa, conferta, supra plana, subtus sulcata.

Flores sub-terminales, plures, in verticillis simplicibus. Pedunculi longi, colorati; bracteis tribus viridibus.

Calyx tetraphyllus; foliolis ovatis, crassis, adpressis.

Corolla sub-cylindracea, curvata, tenuissime sulcata, micans, viscosa, saturate et læte rubra, sed apicem versus viridis, laciniis superne patentibus.

Stamina octo, capillaria; antheris muticis sub-inclusis.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis, exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii ad Septembrem.

REFERENTIA.

1. Calyx lente auctus.

2. Stamina diducta, antherâ unicâ et stigmate lente auctis.

3. Germen lente auctum.

4. Corolla varietatis minoris.

SPECIFIC CHARACTER.

Heath, with beardless tips just within the blossoms; blossom two-coloured, viscous, nearly cylindrical, curved, and very handsome; leaves by sixes, and crowded.

DESCRIPTION.

Stem shrubby, upright, a foot high, stout; the larger branches are spreading.

Leaves in sixes, obtuse, thick and crowded, smooth on their upper and furrowed on their under surface.

Flowers are numerous, in single whorls, near the summits of the branches. The foot-stalks are long, coloured, and furnished with three green floral leaves.

Empalement four-leaved; leaflets egg-shaped, thick, and pressed to the blossom.

Blossom nearly cylindrical, curved, slightly furrowed, shining and viscous, of a deep bright red, but towards the apex green, with the upper part of the segments spreading.

Chives eight, capillary; tips beardless, and just within the blossom.

Pointal. Seed-bud turban-shaped and furrowed. Shaft thread-shaped, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of July till September.

REFERENCE.

1. The Empalement magnified.

2. The Chives detached, one tip and the summit magnified.

3. The Seed-bud magnified.

4. A Blossom of a smaller variety.

Erica, Kibbertia.

ERICA hirta, *Var. viridiflora.*

CHARACTER SPECIFICUS.

Erica, antheris aristatis, inclusis; floribus ternis, cylindraceis, viridibus; foliis ternis et quaternis, linearibus, obtusis, hirtis; caule erecto; ramis simplicibus.

DESCRIPTIO.

Caulis erectus, bipedalis, villosus; ramuli terni, verticillati.

Folia terna et quaterna, linearia, recta, obtusa, hirta, supra plana, subtus sulcata.

Flores in ramulis terminales, plerumque terni, patento-cernui; pedunculi brevissimi, bracteæ tres lanceolatæ, ciliatæ, longitudine calycis, adpressæ.

Calyx. Perianthium tetraphyllum, foliolis lanceolatis, ciliatis, sulcatis.

Corolla cylindracea, pollicaris, viridis; laciniis obtusis, erectis.

Stamina. Filamenta octo capillaria; antheræ aristatæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis, sub-exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Octobris in Januarium.

REFERENTIA.

1. Folium lente auctum.
2. Calyx.
3. Stamina diducta, antherâ unicâ lente auctâ.
4. Germen et Pistillum, stigmate lente aucto.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips within the blossom; flowers by threes, of a cylinder-shape and green; leaves by threes and fours, linear, blunt, and hairy; stem upright; branches simple.

DESCRIPTION.

Stem upright, two feet high, and hairy; the smaller branches grow by threes in whorls.

Leaves by threes and fours, linear, straight, blunt, and hairy, flat on their upper surface, and furrowed beneath.

Flowers terminate the smaller branches mostly by threes, between spreading and hanging down; footstalks very short, with three floral leaves, lance-shaped, fringed, and pressed to the cup.

Empalement. Cup four-leaved; leaflets lance-shaped, fringed, and furrowed.

Blossom cylindrical, an inch long, and green; the segments of the border are obtuse, and upright.

Chives. Eight hair-like threads; tips bearded, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped, and just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from October till January.

REFERENCE.

1. A Leaf magnified.
2. The Empalement.
3. The Chives detached, one tip magnified.
4. Seed-bud and Pointal, summit magnified.
5. Seed-bud magnified.

Erica, hirta. Var viridiflora

ERICA Hyacinthoides.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: floribus sessilibus, erectis, terminalibus, quaternis, confertis, incarnatis, undulatis: foliis quaternis, linearibus, glabris.

DESCRIPTIO.

Caulis fruticosus, spithameus, erectus, ramosus; ramuli frequentissimi, erecto-patentes.

Folia quaterna, linearia, glabra, crassiuscula, nitida, patentia, petiolis brevissimis.

Flores sessiles, erecti, fastigiati, quaterni, conferti, terminales, fere pedunculati.

Calyx tetraphyllum, foliolis ad basin late ovatis, dentatis, superne acuminatis; bracteis tribus subulatis, canaliculatis, adpressis.

Corolla ventricosa, incarnata, ore arctata; laciniis sub-cordatis, undulatis, expansis, maximis.

Stamina. Filamenta octo capillaria; antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, læviter sulcatum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Junii in Augustum.

REFERENTIA.

1. Calyx et Corolla.
2. Calyx lente auctus.
3. Stamina diducta, antherâ unicâ lente auctâ.
4. Germen et Pistillum, stigmate lente aucto.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossom; flowers sessile, upright, and terminating the ends of the branches by fours, crowded together, flesh-coloured, and waved; leaves by fours, linear, and smooth.

DESCRIPTION.

Stem shrubby, a span high, upright, and branching; thesmaller branches are numerous, and between erect and spreading.

Leaves by fours, linear, smooth, thickish, shining, and spreading, footstalks very short.

Flowers sit close in upright bunches, by fours, on the ends of the branches, scarce any footstalks.

Empalement four-leaved, the leaflets at the base are broadly egg-shaped, and toothed, sharp-pointed above; there are three floral leaves, awl-shaped, channelled, and pressed to the cup.

Blossom swelled out, and flesh-coloured, narrowed at the mouth, the segments are nearly heart-shaped, waved, spreading, and very large.

Chives. Eight hair-like threads, tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, and slightly furrowed. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of June till August.

REFERENCE.

1. The Empalement and Blossom.
2. The Empalement magnified.
3. The Chives detached, with one tip magnified.
4. The Seed-bud and Pointal, summit magnified.
5. The Seed-bud magnified.

Erica Hyacinthoides

ERICA incurva.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, sub-inclusis; stylo subexserto; corollis urceolatis, odoratis, purpureis; foliis ternis, incurvatis, aculeatis; caule rufescente.

DESCRIPTIO.

Caulis fruticosus, ramosus. Rami et ramuli hirsuti, erecto-patentes.

Folia terna, viride-farinosa, arcuata, incurva, aculeata, subtus sulcata; petiolis adpressis.

Flores in ramulis terminales, umbellati, plerumque terni; pedunculi aculeati, bracteis tribus aculeatis instructi.

Calyx. Perianthium tetraphyllum; foliolis ovatis, aculeatis, pallide-viridia.

Corolla urceolata, purpurea, odorata; oris laciniis rotundatis, sub-erectis.

Stamina. Filamenta octo, capillaria; antheræ aristatæ, sub-inclusæ.

Pistillum. Germen tiaræforme, pubescens, ad basin glandulosum. Stylus filiformis, subexsertis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martii in Maium.

REFERENTIA.

1. Folium lente auctum.
2. Idem subtus.
3. Calyx lente auctus.
4. Flos et Folium varietatis minoris.
5. Stamina diducta; antherâ unicâ lente auctâ.
6. Germen et Pistillum, stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips, just within the blossom; shaft just without; blossoms pitcher-shaped, sweet-scented, and purple; leaves by threes, turned inwards, and prickly; stem roughish.

DESCRIPTION.

Stem shrubby, branching. Large and small branches are roughly haired, and between erect and spreading.

Leaves by threes, of a mealy green, bowed, turned inwards, prickly, and deeply furrowed; footstalks pressed to the branches.

Flowers terminate the small branches in umbels, mostly by threes; footstalks prickly, and furnished with three prickly floral leaves.

Empalement. Cup four-leaved; leaflets egg-shaped, prickly, and of a pale green.

Blossom pitcher-shaped, purple and sweet-scented; the segments of the border are roundish and nearly upright.

Chives. Eight hair-like threads; tips bearded and just within the blossom.

Pointal. Seed-bud turban-shaped, downy, and glandular at the base. Shaft thread-shaped, and just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of March till May.

REFERENCE.

1. A Leaf magnified.
2. The under side of the same.
3. The Empalement magnified.
4. A Flower and Leaf of a small variety.
5. The Chives detached; one tip magnified.
6. Seed-bud and Pointal, summit magnified.
7. The Seed-bud magnified.

Erica. incurva

ERICA Irbyana.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, inclusis: stylo subexerto: floribus terminalibus: pedunculis longissimis: corollis albis, ampullaceis, viscosis: foliis ternis, trigonis, subulatis.

SPECIFIC CHARACTER.

Heath, with tips two-horned at the base, within the blossom: shaft just without: flowers terminal: peduncles very long: blossoms white, flask-shaped, and clammy: leaves by threes, three-sided, and awl-shaped.

DESCRIPTIO.

Caulis pedalis, erectus: rami longi, subsimplices.

Folia terna, trigona, subulata, recta: apice mucronato, supra plano, subtus carinato.

Flores terminales in umbellis quinis vel decem: cum pedunculis longissimis rubris, patentibus vel cernuis.

Calyx. Perianthium tetraphyllum: foliolis lanceolatis, carinatis, acutis, viscosis.

Corolla alba, ad basin carnea, glutinosissima, pollicaris, lucida, summatim cylindracea, ad basin inflata; ore arctata, laciniis expansis, subovatis.

Stamina. Filamenta octo capillaria, tenuissima, torta: antheræ basi bicornes, apice acuminatæ, inclusæ.

Pistillum. Germen ovatum, sulcatum. Stylus filiformis, sub-exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Junii in Octobrem.

DESCRIPTION.

Stem a foot high, upright: branches long, and nearly simple.

Leaves by threes, three-sided, awl-shaped, and straight, with a mucronated point flat on the upper surface, and keeled beneath.

Flowers terminate the branches in umbels of five to ten flowers, with very long red footstalks, spreading or nodding.

Empalement. Cup four-leaved: leaflets lance-shaped, carinated, sharp-pointed, and viscous.

Blossom white, flesh-coloured at the base, and extremely glutinous, an inch long, and shining, cylindrical on the upper part, and swelled out at the base, narrowed at the mouth, with the segments spreading, and nearly egg-shaped.

Chives. Eight hair-like threads, very slender and twisted: tips two-horned at the base, pointed at the end, and within the blossom.

Pointal. Seed-bud egg-shaped, and furrowed. Shaft thread-shaped, and just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from June till October.

REFERENTIA.

1. Folium lente auctum.

2. Idem ab infera parte depictum, dissectum, et lente auctum.

3. Calyx et Bracteæ.

4. Stamina et Pistillum, antherâ unicâ lente auctâ.

5. Pistillum et Germen, stigmate lente aucto.

6. Germen lente auctum.

REFERENCE.

1. A Leaf magnified.

2. The same shown from the under side, cut in two, and magnified.

3. The Empalement and floral leaves.

4. Chives and Pointal, one tip magnified.

5. Pointal and Seed-bud, summit magnified.

6. Seed-bud magnified.

Erica Irbyana

ERICA lachnæa.

CHARACTER SPECIFICUS.

Erica, antheris aristatis subinclusis, corollis subcampanulatis, albis; oris laciniis expansis, maximis: foliis ternis, obtusis, carnosis, imbricatis.

DESCRIPTIO.

Caulis fruticosús, pedalis, ramosus. Rami et ramuli foliis imbricatis involuti.

Folia terna, carnosa, obtusa, imbricata; petiolis brevibus adpressis.

Flores plerumque terni, in capitulis terminalibus. Pedunculi longi, bracteis tribus ovatis instructi.

Calyx tetraphyllus; foliolis ovatis, albis, adpressis.

Corolla subcampanulata, alba; laciniis rotundis, maximis, expansis.

Stamina octo capillaria; antheræ aristatæ, subinclusæ.

Pistillum. Germen tiaræforme, ad basin nectariferum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a Maio in Julium.

REFERENTIA.

1. Calyx et Corolla.

2. Calyx lente auctus.

3. Corolla.

4. Stamina et Pistillum corollâ diducta, antherâ unicâ lente auctâ.

5. Germen et Pistillum, stigmate lente aucto.

6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips just within the blossoms, which are nearly bell-shaped and white: the segments of the border are expanded and large. Leaves by threes, obtuse, fleshy, and tiled.

DESCRIPTION.

Stem shrubby, a foot high, and branching. The large and small branches are enveloped by the leaves, which are tiled.

Leaves by threes, fleshy, blunt, and tiled. Footstalks short, and pressed to the branches.

Flowers chiefly by threes, in terminal heads. Footstalks long, which are furnished with three ovate floral leaves.

Empalement four-leaved; leaflets egg-shaped, white, and pressed to the blossom.

Blossom nearly bell-shaped and white; the segments are round, large, and spreading.

Chives eight hair-like threads; tips bearded, just within the blossoms.

Pointal. Seed-bud turban-shaped, with honey-cups at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from May till July.

REFERENCE.

1. The Empalement and Blossom.

2. The Empalement magnified.

3. A Blossom.

4. The Chives and Pointal detached from the blossom, one tip magnified.

5. Seed-bud and Pointal, summit magnified.

6. Seed-bud magnified.

Cineraria, Archinea

ERICA lachnæa, *purpurea.*

CHARACTER SPECIFICUS.

Erica, antheris cristatis, inclusis; floribus urceolatis, terminalibus ternis, purpureo-pulverulentis; foliis ternis, confertis, obtusis, tomentosis; ramis et ramulis numerosis.

DESCRIPTIO.

Caulis erectus, pedalis, fruticosus; rami numerosi, ramulis brevissimis tecti.

Folia terna, obtusa, conferta, tomentosa, farinario-viridia, patentia.

Flores terni in apice ramulorum, cernui, pedunculis brevissimis.

Calyx. Perianthium duplex; exterius triphyllum, adpressum interiori, quod est tetraphyllum; foliolis ovatis, marginibus villosis.

Corolla cylindraceo-urceolata, purpureo-pulverulenta; laciniis limbi obtusis, sub-erectis.

Stamina. Filamenta octo capillaria; antheræ cristatæ, inclusæ.

Pistillum. Germen tiaræforme, ad basin glandulosum; stylus filiformis, erectus, inclusus.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Octobrem.

REFERENTIA.

1. Folium lente auctum.

2. Calyx lente auctus.

3. Stamina et Pistillum, antherâ unâ diductâ, et auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips within the blossom; flowers pitcher-shaped, terminating the branches by threes, of a powdery purple; leaves by threes, crowded, blunt, and downy; the large and smaller branches are numerous.

DESCRIPTION.

Stem upright, a foot high, shrubby; branches numerous, and covered by very short smaller ones.

Leaves by threes, blunt, crowded, and downy; of a mealy green, and spreading.

Flowers grow by threes at the ends of the small branches, nodding, with very short foot-stalks.

Empalement. Cup double; the outer one is three-leaved, and pressed to the inner, which is four-leaved; leaflets are egg-shaped, and hairy at the edges.

Blossom cylindrically pitcher-shaped, of a powdery purple; the segments of the border obtuse, and nearly upright.

Chives. Eight hair-like threads; tips crested, and within the blossom.

Pointal. Seed-bud turban-shaped, glandular at the base; shaft thread-shaped, upright, and within the blossom.

Native of the Cape of Good Hope.

Flowers from July till October.

REFERENCE.

1. A Leaf magnified.

2. The Empalement magnified.

3. The Chives and Pointal, one tip detached, and magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Erica, ciliaris purpurea

ERICA lanata.

CHARACTER SPECIFICUS.

Erica, antheris muticis sub-exsertis; floribus quaternis, adpressis, sub-globosis, albidis, tomentosis, calyce magno lanato tectis; foliis ternis, cuneatis, lanatis; caulis laxus, filiformis, lanatus.

DESCRIPTIO.

Caulis erectus, laxus, filiformis, fuscus, sesquipedalis; rami et ramuli numerosi, laxi, tomentosi.

Folia terna, cuneata, supra plana, marginibus revolutis, lanata.

Flores in extremis ramulis terminales, quaterni, adpressi, cernuo-patentes, pedunculis brevissimis.

Calyx. Perianthium duplex; exterius triphyllum, interius tetraphyllum; foliolis ovatis, concavis, incurvatis, lanâ densâ tectis, adpressis.

Corolla sub-globosa, albida, lanata, in sinu calycis fere recondita.

Stamina. Filamenta octo capillaria, receptaculo inserta; antheræ muticæ, sub-exsertæ.

Pistillum. Germen tiaræforme, apice lanatum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Decembrem.

REFERENTIA.

1. Folium auctum.
2. Idem subtus.
3. Calyx et Corolla.
4. Corolla.
5. Calyx lente auctus.
6. Stamina a Pistillo diducta, antherâ unâ lente auctâ.
7. Germen et Pistillum, stigmate lente aucto.
8. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips just within the blossom; flowers by fours, pressed together, nearly globular, whitish, and downy, covered by a large woolly cup; leaves by threes, wedge-shaped, and woolly; stem weak, thread-shaped, and woolly.

DESCRIPTION.

Stem upright, weak, thread-shaped, and brownish, a foot and a half high; the small and large branches are numerous, weak, and downy.

Leaves by threes, wedge-shaped, flat on their upper surface, rolled back at the edges, and woolly.

Flowers terminate the extremity of the branches by fours, pressed together, are nodding and spreading, with very short footstalks.

Empalement. Cup double; the outer three-leaved, the inner four-leaved; the leaflets are ovate, concave, and turned inwards, covered by a thick wool, and pressed to the blossom.

Blossom nearly globular, whitish, woolly, and nearly hid within the cup.

Chives. Eight hair-like threads, inserted into the receptacle; tips beardless, and just without the blossom.

Pointal. Seed-bud turban-shaped, woolly on the upper part. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of July till December.

REFERENCE.

1. A Leaf magnified.
2. The underside of the same.
3. The Empalement and Blossom.
4. A Blossom.
5. The Empalement magnified.
6. The Chives detached from the Pointal, one tip magnified.
7. Seed-bud and Pointal, summit magnified.
8. The Seed-bud magnified.

Erica, lanata

ERICA lanuginosa.

CHARACTER SPECIFICUS.

Erica, antheris barbatis inclusis, corollis axillaribus declinatis tomentosis acute oviformibus, verticillis foliorum ternatorum ciliatorum distinctis.

DESCRIPTIO.

Suffrutex pygmæus, at robustulus, subpedalis, erectus, ramis plerumque simplicibus, vix patulis.

Folia ternata, in verticillis distinctis, parum declinata, lanato-ciliata, subtus sulcata.

Flores axillares, sæpius solitarii, subsessiles, primo nutantes, demum cernui.

Calyx duplex, exterior minor, 3-phyllus, foliolis adpressis, ovatis acutis, extus convexis, carinatis et tomentosis: interior tetraphyllus, foliolis ut in exteriore, at plus duplo majoribus.

Corolla quadrifida, magna, ovata, subacuta, inflata, tomentosa, albido-lutescens, basi fusco-purpurascens, laciniis ovato-lanceolatis, convergentibus, obtusis.

Stamina octo, capillaria, basi latiora, 4 interiora erecta, 4 exteriora perflexuosa; antheræ barbatæ, inclusæ.

Pistillum. Germen tiaræforme: stylus filiformis: stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Octobris ad Januarium.

REFERENTIA.

1. Calyx duplex.
2. Corolla.
3. Eadem expansa.
4. Stamina et Pistillum.
5. Stamen exterius lente auctum.
6. Pistillum, stigmate diducto lenteque aucto.
7. Germen tiaræforme lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips within the blossom, blossoms axillary bent downwards woolly and acutely egg-shaped, with the whorls of ternate ciliated leaves distinct.

DESCRIPTION.

A dwarf shrub, but stoutish, scarcely a foot high, erect, with chiefly simple, scarcely spreading branches.

Leaves in threes, in distinct whorls, a little bent downwards, lanately-ciliated, and furrowed beneath.

Flowers in the bosoms of the leaves, often solitary, nearly sessile, at first nodding, finally cernuous.

Empalement double, outer the smallest, 3-leaved, with the leaflets close-pressed to the blossom, egg-shaped, acute, outwardly convex, keeled, and woolly: interior four-leaved, with the leaflets as in the exterior one, but above twice as large.

Blossom four-cleft, large, egg-shaped, acutish, inflated, woolly, of a dingy yellow-white, purply-brownish at the base, with the segments egg-lance-shaped, converging, and obtuse.

Chives eight, hair-like, broader at the base, 4 interior upright, 4 exterior very much bent; tips bearded, within the blossom.

Pointal. Seed-bud turban-shaped: shaft thread-shaped: summit four-angled.

Native of the Cape of Good Hope.

Flowers from the month of October to January.

REFERENCE.

1. The double Empalement.
2. A blossom.
3. The same expanded.
4. The Chives and Pointal.
5. One of the exterior Chives magnified.
6. The Pointal, with the summit detached and magnified.
7. The turban-shaped stigma magnified.

Erica lanuginosa

ERICA laxa.

CHARACTER SPECIFICUS.

Erica, antheris cristatis inclusis, corollis urceolatis capitatis terminalibus lateralibusque, foliis ternatis ciliatis.

DESCRIPTIO.

Caulis fruticosus, ramosus; rami obsolete verticillati, graciles, flexuosi, cortice ferrugineo-fusco.

Folia ternata, erecta, late-linearia, obtusa, subtrilinearia, minutim ciliata, subtus sulcata.

Flores parvi, sæpius ternati, in fasciculis terminalibus et lateralibus.

Calyx duplex, coloratus, adpressus, foliolis cuneato-ovatis, corollâ imbricatis.

Corolla urceolaris, superne roseus, laciniis patulis.

Stamina octo, capillaria; compressa, antheræ barbatæ, exertæ.

Pistillum. Germen tiaræforme; stylus filiformis; stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Septembris ad Februarium.

REFERENTIA.

1. Folium lente auctum.

2. Calyx cum bracteis, lente auctus.

3. Calyx et Corolla.

4. Eadem absque bracteis.

5. Stamina et Pistillum.

6. Stamen lente auctum.

7. Pistillum, stigmate diducto, lente aucto.

8. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips within the blossom, blossoms pitcher-shaped headed terminal and lateral, leaves in threes and ciliated.

DESCRIPTION.

Stem shrubby, branched; the branches obscurely whorled, slender, flexuose, with a rusty brown bark.

Leaves in threes, upright, broad-linear, blunt, near three lines long, minutely ciliated, and furrowed beneath.

Flowers small, chiefly in threes, in terminal and lateral bunches.

Empalement double, coloured, pressed to the blossom, with the leaflets wedge-egg-shaped, and imbricated on the blossom.

Blossom pitcher-shaped, upwards rose-coloured, with slightly spreading segments.

Chives eight flat threads; tips bearded, without the blossom.

Pointal. Germen turban-shaped; shaft thread-shaped; summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of September till February.

REFERENCE.

1. A Leaf magnified.

2. The Empalement with its floral leaves magnified.

3. The Empalement and Blossom.

4. The same without the floral leaves.

5. The Chives and Pointal.

6. A Chive magnified.

7. The Pointal, with the stigma detached and magnified.

8. The Seed-bud magnified.

Erica laxa.

ERICA lævis.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, inclusis: foliis ternis, glabris, linearibus, obtusis: corollis campanulatis, albis, tenuibus: ramis numerosis, gracilibus.

DESCRIPTIO.

Caulis pedalis et ultra: ramis et ramulis filiformibus, numerosis.

Folia terna, adscendentia, glabra, linearia, obtusa: petiolis brevibus.

Flores in ramos umbellis parvis irregularibus: pedunculis incarnatis, ad basin bracteis tribus parvis instructis.

Calyx tetraphyllus: foliolis lanceolatis, serrulatis, adpressis.

Corolla campanulata, alba, tenuis: oris laciniis æqualibus, patentibus.

Stamina. Filamenta octo capillaria. Antheræ aristatæ, inclusæ.

Pistillum. Germen tiaræforme, purpureum, sulcatum, ad basin nectariferum. Stylus filiformis. Stigma concavum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martii in Julium.

REFERENTIA.

1. Calyx lente auctus.

2. Stamina et Pistillum, antherâ unâ lente auctâ.

3. Germen et Pistillum lente aucta.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the blossom: leaves by threes, smooth, linear, and blunt: blossom bell-shaped, white, and thin: branches numerous and slender.

DESCRIPTION.

Stem a foot or more high: the large and small branches are thread-shaped and numerous.

Leaves by threes, ascending, smooth, linear, and blunt: footstalks short.

Flowers grow on the branches in small irregular umbels: footstalks flesh-coloured, and furnished at the base with three small floral leaves.

Empalement four-leaved: leaflets lance-shaped, finely sawed, and pressed to the cup.

Blossom bell-shaped, white, and thin: segments of the border equal, and spreading.

Chives. Eight hair-like threads: tips bearded, and within the blossom.

Pointal. Seed-bud turban-shaped, purple, and furrowed, with honey-cups at the base. Shaft thread-shaped. Summit hollow.

Native of the Cape of Good Hope.

Flowers from March till July.

REFERENCE.

1. The Empalement magnified.

2. The Chives and Pointal, one tip magnified.

3. Seed-bud and Pointal magnified.

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Pinus, larix

ERICA longiflora.

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-exsertis: floribus terminalibus, longissimis, tubulosis, curvatis, aurantiis: foliis quaternis et quinis: caulis fruticosus, ramosus.

DESCRIPTIO.

Caulis erectus, fruticosus, bipedalis: ramulis numerosis, adscendentibus.

Folia quaterna et quina, linearia, obtusa, glabra, subtus sulcata.

Flores in ramulis terminales, patentes, in umbellis binis vel quaternis: pedunculi breves, bracteis tribus ad basin.

Calyx. Perianthium tetraphyllum: foliis subulatis, glabris, supra canaliculatis, adpressis.

Corolla longissima, curvata, clavata, superne saturate aurantia, subtus flava: oris laciniis expansis.

Stamina. Filamenta octo, capillaria, curvata, longitudine tubi. Antheræ muticæ.

Pistillum. Germen clavatum, sulcatum. Stylus filiformis, curvatus, exsertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martii in Junium.

REFERENTIA.

1. Calyx lente auctus.

2. Stamina a Pistillo diducta, antherâ unâ lente auctâ.

3. Germen et Pistillum, stigmate lente aucto.

4. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, just without the blossom: flowers terminal, and very long, tubular, curved, and of a gold colour: leaves by fours and fives: stem shrubby, and branching.

DESCRIPTION.

Stem upright, shrubby, two feet high, with numerous small ascending branches.

Leaves by fours and fives, linear, obtuse, smooth, and furrowed beneath.

Flowers terminate the smaller branches, spreading, in umbels of two to four: footstalks short, with three floral leaves at the base.

Empalement. Cup four-leaved: leaflets awl-shaped, smooth, channelled above, and pressed to the blossom.

Blossom very long, curved, club-shaped, of a deep gold colour above, and yellow beneath: the segments of the border spreading.

Chives. Eight hair-like threads, which are curved, and the length of the blossom. Tips beardless.

Pointal. Seed-bud club-shaped, furrowed. Shaft thread-shaped, curved, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from March till June.

REFERENCE.

1. The Empalement magnified.

2. The Chives detached from the Pointal, one tip magnified.

3. Seed-bud and Pointal, summit magnified.

4. Seed-bud magnified.

ERICA mammosa, *minor*.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, inclusis; stylus sub-exertus; floribus verticillatis, pendulis, ventricoso-cylindricis supra basin constrictis; foliis quaternis, linearibus, glabris.

DESCRIPTIO.

Caulis frutieosus, erectus, pedalis et ultra; rami verticillati, curvati.

Folia quaterna, linearia, glabra, curvata; seniora patentia, juniora adscendentia.

Flores semi-unciales, in summitate ramorum verticillati, penduli; pedunculi colorati, bracteis duabus minutis remotis instructi.

Calyx tetraphyllum; foliolis lato-ovatis, acutis, apicibus coloratis, adpressis.

Corolla purpurea, ventricoso-cylindrica, apice attenuata, ad basin constricta; laciniis minutis, erectis, ovatis.

Stamina. Filamenta octo capillaria. Antheræ aristatæ, inclusæ.

Pistillum. Germen tiaræforme. Stylus filiformis, sub-exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Septembris in Decembrem.

REFERENTIA.

1. Calyx.
2. Calyx lente auctus.
3. Corolla.
4. Stamina a Pistillo diducta, antherâ unâ lente auctâ.
5. Germen et Stylus, stigmate aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the blossom; the shaft just without; flowers grow in whorls, hanging down, of a swelled cylinder shape pinched in at the base; leaves by fours, linear, and smooth.

DESCRIPTION.

Stem shrubby, upright, a foot or more high; branches grow in whorls, and are curved.

Leaves by fours, linear, smooth, and curved; the older ones spreading, and the younger ones ascending.

Flowers half an inch long, near the summits of the branches in whorls hanging down; footstalks coloured, having two small floral leaves at a distance from the cup.

Empalement four-leaved; leaflets of a broad egg-shape, pointed, the ends coloured, and pressed to the blossoms.

Blossom purple, of a swelled cylinder shape, tapered at the end and pinched in at the mouth; segments of the border are very small, upright, and oval.

Chives. Eight hair-like threads. Tips bearded, and within the blossom.

Pointal. Seed-bud turban-shaped. Shaft thread-shaped, just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of September till December.

REFERENCE.

1. The Empalement.
2. The Empalement magnified.
3. A Blossom.
4. The Chives detached from the Pointal, one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica, mammosa minor

ERICA metulæflora.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, inclusis: floribus terminalibus: corollis metulæformibus: foliis quaternis vel quinis. Caulis fruticosus.

DESCRIPTIO.

Caulis pedalis et ultra, erectus, fruticosus: ramis confertis, in verticillis irregularibus.

Folia quaterna et quina, glabra, linearia, obtusa, adscendentia.

Flores in umbellis terminalibus, confertis: pedunculis brevibus.

Calyx. Perianthium tetraphyllum: foliolis lanceolatis, in medio canaliculatis, adpressis.

Corolla tubulosa, oblonga, rosacea: limbo equali: laciniis semi-orbiculatis, patentibus.

Stamina. Filamenta octo capillaria, receptaculo inserta. Antheræ basi bicornes, inclusæ.

Pistillum. Germen tiaræforme, pilosum, sulcatum.

Habitat ad Caput Bonæ Spei.

Floret a mense Septembri in Aprilem.

REFERENTIA.

1. Calyx lente auctus.

2. Stamina à Pistillo diducta, antherâ unâ lente auctâ.

3. Germen et Pistillum, stigmate lente aucto.

4. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips two-horned at the base, and within the blossom. Flowers terminal. Blossom skittle-shaped. Leaves by fours and fives. Stem shrubby.

DESCRIPTION.

Stem a foot or more high, erect, shrubby. Branches crowded, in irregular whorls.

Leaves by fours and fives, smooth, linear, obtuse, and ascending.

Flowers terminate the branches in crowded umbels. Footstalks short.

Empalement. Cup of four leaves; leaflets lance-shaped, channelled in the centre, and pressed to the blossom.

Blossom tubular, oblong, and rose-coloured: border equal: segments half-round, and spreading.

Chives. Eight hair-like threads inserted into the receptacle. Tips two-horned at the base, and within the blossom.

Pointal. Seed-bud turban-shaped, hairy, and furrowed.

Native of the Cape of Good Hope.

Flowers from September till April.

REFERENCE.

1. The Empalement magnified.

2. The Chives detached from the Pointal, one tip magnified.

3. Seed-bud and Pointal, summit magnified.

4. The Seed-bud magnified.

Erica mutabilis

ERICA mucronata.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: stylo exerto. Flores ramulos terminant. Corolla campanulata, incarnata: foliis ternis, mucronatis. Caulis fruticosus, ramosus.

DESCRIPTIO.

Caulis sesquipedalis, fruticosus. Rami et ramuli numerosi, erecti, patentes vel cernui.

Folia terna, trigona, glabra, erecto-patentia, apice mucronato incurvato.

Flores ramos terminant, et terni vel seni sunt et cernui. Pedunculi longi, colorati: bracteis tribus mucronatis.

Calyx tetraphyllus: foliolis ad basin ovatis, apice mucronato, coloratis, adpressis.

Corolla campanulata, incarnata: oris laciniis æqualibus, erecto-patentibus.

Stamina. Filamenta octo capillaria. Antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus filiformis, exertus. Stigma concavum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Augustum.

REFERENTIA.

1. Corolla.
2. Calyx lente auctus.
3. Stamina et Pistillum.
4. Stamen unicum lente auctum.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossom: shaft without. Flowers terminate the small branches. Blossom bell-shaped, and flesh-coloured. Leaves by threes, mucronated at the end. Stem shrubby and branching.

DESCRIPTION.

Stem a foot and a half high, and shrubby. The large and small branches are numerous, erect, spreading or nodding.

Leaves by threes, three-sided, smooth, between erect and spreading, with a mucronated point turned inward.

Flowers terminate the branches, and are from 3 to 6, nodding. Footstalks long, coloured, with three mucronated floral leaves.

Empalement four-leaved. The leaflets are ovate at the base, with a mucronated point, coloured, and pressed to the blossom.

Blossom bell-shaped, flesh-coloured: the segments of the border are equal, and between erect and spreading.

Chives. Eight hair-like threads. Tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with honey-cups at the base. Shaft thread-shaped, and without the blossom. Summit hollow.

Native of the Cape of Good Hope.

Flowers from May till August.

REFERENCE.

1. A Blossom.
2. The Empalement magnified.
3. The Chives and Pointal.
4. A Chive magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica, mucronata

ERICA mutabilis.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, sub-exertis: floribus tubulosis, terminalibus, in umbellis irregularibus, inæqualiter purpureo coloratis: folia subulata, obtusa, hispida: caulis erectus, pedalis.

DESCRIPTIO.

Caulis fruticosus: rami laxi, divaricati: ramuli numerosi, erecto-patentes.

Folia in ramulis ternata, adscendentia; in ramis quaterna et quina, ad basin plantæ recurva; supra convexa, subtus sulcata; margine pilis longissimis obsita: quædam breviora, glandulosa: petiolis glandulosis.

Flores terminales, in umbellis irregularibus, plerumque horizontaliter siti: pedunculi longissimi, capillares, colorati, glandulis tecti, cum bracteis tribus lanceolatis, glandulosis.

Calyx. Perianthium tetraphyllum; foliolis lanceolatis, sulcatis, coloratis, glandulosis, adpressis.

Corolla tubulosa, costata, leviter pilosa; imprimis saturate purpurea, denique pallidior.

Stamina. Filamenta octo capillaria; antheræ bicornes, sub-exertæ.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a Februario in Octobrem.

REFERENTIA.

1. Folium lente auctum.
2. Calyx lente auctus.
3. Flos.
4. Stamina a Pistillo diducta, antherâ unâ lente auctâ.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum

SPECIFIC CHARACTER.

Heath, with tips two-horned at their base, and just without the blossom: flowers tubular, terminating the flowers in irregular umbels of an unequal purple colour: leaves awl-shaped, obtuse, and harshly haired: stem upright, a foot high.

DESCRIPTION.

Stem shrubby: branches loose, and straddling; smaller branches numerous, and between erect and spreading.

Leaves in the smaller branches grow by threes, and are ascending: in the large branches they grow by fours and fives, and bend downwards on the lower part of the plant: they are convex on their upper surface, and furrowed beneath, with long hairs on their margins: some of them shorter and glandular: footstalks glandular.

Flowers terminate the branches in irregular umbels mostly in a horizontal direction: footstalks very long, thread-shaped, and coloured, covered with glands, and furnished with three floral leaves, also glandular.

Empalement. Cup four-leaved; leaflets lance-shaped, furrowed, coloured, glandular, and pressed to the blossom.

Blossom tubular, ribbed, and slightly haired, of a deep purple at first, and afterwards paler.

Chives. Eight hair-like threads; tips two-horned, and just without the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from February till October.

REFERENCE.

1. A Leaf magnified.
2. The Empalement magnified.
3. A Flower.
4. The Chives detached from the Pointal, one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica, mutabilis

ERICA nitida.

CHARACTER SPECIFICUS.

Erica, antheris cristatis, inclusis; corollis crystallinis, albidis, nitidis; foliis ternis, linearibus, obtusis.

DESCRIPTIO.

Caulis fruticosus, sesquipedalis, erectus; ramulis numerosis.

Folia terna, obtusa, linearia, subtus sulcata, erecto-patentia

Flores in ramulis terminales, umbellati, terni vel quini, cernui; pedunculi breves, bracteis tribus calyciformibus, adpressis.

Calyx tetraphyllus; foliolis spathulatis, patentibus, viscosis, adpressis.

Corolla ovata, inflata, crystallina, alba, nitida, magnitudine pisi; laciniis revolutis.

Stamina. Filamenta octo, capillaria; antheræ cristatæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum, pilosum. Stylus sub-exsertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Octobrem.

REFERENTIA.

1. Folium auctum.

2. Calyx lente auctus.

3. Corolla.

4. Stamina et Pistillum, antherâ unicâ lente auctâ.

5. Germen et Pistillum, stigmate lente aucto.

6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips, within the blossom, of a crystalline white, and shining; leaves by threes, linear, and obtuse.

DESCRIPTION.

Stem shrubby, a foot and a half high, upright; with numerous small branches.

Leaves by threes, obtuse, linear, furrowed beneath, and between erect and spreading.

Flowers terminate the small branches in umbels of from three to five, and nodding; footstalks short, with three floral leaves of the shape of the cup, and pressed to it.

Empalement. Cup four-leaved; the leaflets are spathula-shaped, spreading, clammy, and pressed to the blossom.

Blossom egg-shaped, and swelled out, of a crystalline white, shining, and of the size of a pea; the segments of the border are reflexed.

Chives. Eight hair-like threads; tips crested, and within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, and hairy. Shaft just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of July till October.

REFERENCE.

1. A Leaf magnified.

2. The Empalement magnified.

3. A Blossom.

4. The Chives and Pointal, one tip magnified.

5. Seed-bud and Pointal, summit magnified.

6. Seed-bud magnified.

Erica, nitida

ERICA Nivenia, *longiflora*.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, exertis, cohærentibus: floribus terminalibus, umbellatis: pedunculis longissimis: corollis longis, costatis, purpureis: foliis ternis: caule humili.

DESCRIPTIO.

Suffrutex pygmæus, ramosissimus: rami et ramuli patentes.

Folia patentia, terna, late-linearia, obtusa, subtus sulcata, marginibus revolutis pilis longis et glandulis obsitis.

Flores ramos terminant in umbellis, patentes: pedunculis longissimis: bracteis tribus adpressis.

Calyx tetraphyllus: foliolis angustis, apice glandulosis.

Corolla uncialis, pyramidalis, costata, purpurea, sub apice inflata, ad basin attenuata: ore arctata, quod nigrum est: laciniis obliquis, revolutis.

Stamina octo capillaria: antheræ aristatæ, exertæ, cohærentes.

Pistillum. Germen tiaræforme, viride, ad basin nectariferum. Stylus filiformis, exertus. Stigma concavum.

Habitat ad Caput Bonæ Spei.

Floret a mense Martii in Junium.

REFERENTIA.

1. Calyx lente auctus.

2. Flos.

3. Stamina et Pistillum, antherâ unicâ lente auctâ.

4. Pistillum et Germen, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips, without the blossom, and adhering together: flowers terminal, in umbels: footstalks very long: blossom long, ribbed, and purple: leaves by threes: stem low.

DESCRIPTION.

A dwarf shrub, very branching: the small and large branches are spreading.

Leaves spreading, grow by threes, are broadly linear, and obtuse, furrowed beneath, with revolute edges that are beset with long hairs and glands.

Flowers terminate the branches in umbels, spreading: footstalks very long, with three floral leaves pressed to them.

Empalement four-leaved: leaflets narrow, and glandular at the point.

Blossom an inch long, of a pyramidal form, ribbed, and purple, swelled near the end, and attenuated towards the base; narrowed at the mouth, which is black: the segments are oblique, and rolled back.

Chives. Eight hair-like threads: tips bearded, without the blossom, and adhering together.

Pointal. Seed-bud turban-shaped, and green, with honey-cups at the base. Shaft thread-shaped, and without the blossom. Summit concave.

Native of the Cape of Good Hope.

Flowers from March till June.

REFERENCE.

1. The Empalement magnified.

2. A Blossom.

3. The Chives and Pointal, one tip magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Erica. Nivenia longiflora

ERICA obbata, *var. umbellata.*

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, inclusis; floribus umbellatis, terminalibus, confertis; corollis ventricosis; limbo maximo; laciniis patentibus, glandulis octo fauci circumpositis; foliis quaternis.

DESCRIPTIO.

Caulis fruticosus, pedalis, ramosus; rami laxi, filiformes.

Folia quaterna, reflexa, rigida, ciliata, acuminata, subtus sulcata.

Flores terminales, umbellati, conferti, pedunculis brevibus, bracteis tribus lanceolatis ciliatis adpressis.

Calyx tetraphyllum; foliolis lanceolatis, ciliatis, adpressis.

Corolla ventricosa, nitidissime alba, basi quadrata, ore arctata, leviter sulcata; limbus maximus, laciniis rotundatis patentibus; glandulæ octo fauci circumpositæ.

Stamina. Filamenta octo capillaria; antheræ inclusæ, bifidæ, basi bicornes.

Pistillum. Germen conicum, basi glandulosum. Stylus filiformis, subexertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Augustum.

REFERENTIA.

1. Folium.
2. Calyx.
3. Corolla.
4. Lacinia una Limbi aucta.
5. Stamina et Pistillum, anthèrâ unâ lente auctâ.
6. Germen et Stylus, stigmate aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips two-horned at the base, within the blossom; flowers terminating the branches in crowded umbels; blossom bellied; border large, the segments spreading, with eight glands surrounding the mouth; leaves by fours.

DESCRIPTION.

Stem shrubby, a foot high, branching; the branches are loose and thread-shaped.

Leaves by fours, reflexed, harsh, fringed, sharp-pointed, and furrowed beneath.

Flowers terminate the branches in umbels crowded together, with short footstalks, having three lance-shaped fringed floral leaves pressed to the cup.

Empalement four-leaved; leaflets lance-shaped, fringed, and pressed to the blossom.

Blossom bellied, of a very shining white, squared at the base, straitened at the mouth, and slightly furrowed; border very large, the segments roundish and spreading; eight glands surrounding the mouth.

Chives. Eight hair-like threads; tips within the blossom, two-cleft, and two-horned at the base.

Pointal. Seed-vessel conical, glandular at the base. Shaft thread-shaped, nearly without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of May till August.

REFERENCE.

1. A Leaf.
2. The Empalement.
3. A Blossom.
4. One segment of the Border magnified.
5. The Chives and Pointal, one tip magnified.
6. The Seed-bud and Shaft, the summit magnified.
7. The Seed-bud magnified.

Erica, obbrata, Var: umbellata.

ERICA odorata.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: foliis oblique sparsis, obtusis: floribus umbellatis, albis, odoratis, campanulatis: pedunculis longissimis: ramis paucis, simplicibus.

DESCRIPTIO.

Caulis fruticosus, pedalis: ramis paucis, suberectis, simplicibus, filiformibus.

Folia sparsa, sæpe quaterna, arcuata, margine glanduloso-denticulata, obtusa, supra planiuscula, subtus sulco exarata: petiolis longis.

Flores numerosi, sub apice ramorum umbellati, penduli: pedunculi flore triplo longiores, flavescentes, viscidi: bracteis tribus minutis instructi.

Calyx. Perianthium tetraphyllum: foliolis ovatis, viscosis, adpressis.

Corolla campanulata, magna, alba, viscosa, lucida, melliodora: laciniis rotundatis, reflexis.

Stamina. Filamenta octo linearia: antheris muticis, inclusis.

Pistillum. Germen tiaræforme, sulcatum, glandulis octo ad basin germinis. Stylus filiformis, sub-exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Julium.

REFERENTIA.

1. Pagina inferior folii lente aucta.
2. Calyx.
3. Stamina et Pistillum, stigmate lente aucto.
4. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom: leaves grow scattered, and are blunt-ended: flowers grow in umbels, are white, sweet-scented, and bell-shaped: footstalks very long: branches few, and simple.

DESCRIPTION.

Stem shrubby, a foot high: branches few, nearly upright, simple, and thread-shaped.

Leaves grow scattered, sometimes by fours, bowed, appearing toothed by small glands at the edges, blunt-ended, flattish on their upper surface, and deeply furrowed beneath: footstalks long.

Flowers numerous, growing in umbels at the ends of the branches, and hanging down: footstalks thrice the length of the blossom, yellowish, clammy, and furnished with three minute floral leaves.

Empalement. Cup four-leaved: leaflets ovate, viscous, and pressed to the blossom.

Blossom bell-shaped, large, white, viscous, shining, and honey-scented: segments rounded, and reflexed.

Chives. Eight hair-like threads: tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with eight glands at the base of the seed-bud. Shaft thread-shaped, and just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April till July.

REFERENCE.

1. The under side of a leaf magnified.
2. The Empalement.
3. Chives and Pointal, summit magnified.
4. Seed-bud magnified.

Erica, odorata

ERICA oppositifolia.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: floribus urceolatis, albis: foliis oppositis, adpressis.

DESCRIPTIO.

Caulis sesquipedalis, filiformis, gracilis: ramuli conferti, numerosi, flexuosi.

Folia opposita, alternata, brevia, obtusa, adpressa, supra concava, subtus sulcata, nitida: petiolis brevibus.

Flores numerosi, in ramulis terminales, plerumque bini: pedunculi brevissimi, bracteis duabus.

Calyx. Perianthium tetraphyllum: foliolis ovato-acuminatis, albis, glabris.

Corolla alba, urceolata, ore arctata: limbo quadrilobo patente.

Stamina. Filamenta octo capillaria receptaculo inserta. Antheræ muticæ, inclusæ, parvæ.

Pistillum. Germen tiaræforme, sulcatum, viride. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Augusti in Decembrem.

REFERENTIA.

1. Calyx.

2. Corolla.

3. Stamina a Pistillo diducta, antherâ unâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom: flowers pitcher-shaped and white: leaves opposite, and pressed to the stem.

DESCRIPTION.

Stem a foot and a half high, thread-shaped, and slender: the branches are crowded, numerous, and flexuose.

Leaves grow opposite and alternate, are short, blunt-ended, and pressed to the branches, concave on their upper surface, and furrowed beneath, shining, and with short footstalks.

Flowers are numerous, terminating the smaller branches mostly by twos: peduncles very short, with two floral leaves.

Empalement. Cup four-leaved: the leaflets are pointedly oval, white, and smooth.

Blossom white and pitcher-shaped, narrowed at the mouth, with a four-lobed spreading border.

Chives. Eight hair-like threads fixed into the receptacle. Tips beardless, within the blossom, and small.

Pointal. Seed-bud turban-shaped, furrowed, and green. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August till December.

REFERENCE.

1. The Empalement.

2. A Blossom.

3. The Chives detached from the Pointal, one tip magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Erica, oppositifolia

ERICA oppositifolia, *rubra*.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: floribus urceolatis, rubris: foliis binis, adpressis: caule tenui: ramis virgatis.

DESCRIPTIO.

Caulis sub-pedalis, tenuis: rami virgati, numerosi.

Folia binatim opposita, triquetra, nitida, adpressa.

Flores terminales, plerumque bini: pedunculi breves, bracteis duabus coloratis.

Calyx. Perianthium magnum: foliolis ovatis, acutis, rubris.

Corolla urceolata, rubra, limbo quadrilobo, acuto, sub-reflexo.

Stamina octo capillaria: antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum, rubrum, ad basin nectariferum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Augustum.

REFERENTIA.

1. Calyx et bractæa.

2. Corolla.

3. Stamina a Pistillo diducta antherâ unâ lente auctâ.

4. Pistillum stigmate diducto lenteque aucto.

5. Germen auctum.

6. Ramulus cum involucro florum.

7. Flos et Folia varietatis parvæ.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom: flowers pitcher-shaped and red: leaves by twos, pressed to the branches: stem slender: branches twiggy.

DESCRIPTION.

Stem near a foot high, and slender: branches twiggy, and numerous.

Leaves by twos, opposite, three-sided, shining, and pressed to the branches.

Flowers terminal, mostly by twos: footstalks short, with two floral leaves coloured.

Empalement. Cup large: leaflets ovate, pointed, and red.

Blossom pitcher-shaped and red, with a slightly reflexed and pointed four-lobed border.

Chives. Eight hair-like tips, beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, and red, with honey-cups at the base.

Native of the Cape of Good Hope.

Flowers from May till August.

REFERENCE.

1. The Empalement and floral Leaves.

2. A Blossom.

3. The Chives detached from the Pointal, one tip magnified.

4. Seed-bud and Pointal, with the summit detached and magnified.

5. The Seed-bud magnified.

6. A branch with the involucrum of the flowers.

7. Flower and Leaf of a small variety.

Erica, oppositifolia, rubra

ERICA pallens.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: floribus tubulosis, umbellatis: corollis pallidis: foliis ternis, tomentosis.

DESCRIPTIO.

Caulis humilis, fruticosus, semi-pedalis. Rami et ramuli numerosi, patentes.

Folia terna, subulata, tomentosa, supra plana, subtus sulcata, albo-virescentia.

Flores terminales, in umbellis ternis vel senis, sub-sessiles, bracteis tribus lanceolatis instructi.

Calyx. Perianthium tetraphyllum; foliolis spathulatis, pallidis.

Corolla tubulosa, luteo-alba, horizontaliter sita; oris laciniis rotundatis, erecto-patentibus.

Stamina. Filamenta octo capillaria; antheris muticis, inclusis.

Pistillum. Germen tiaræforme. Stylus exertus, filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Julium.

REFERENTIA.

1. Pagina inferior Folii lente aucta.
2. Calyx lente auctus.
3. Stamina a Pistillo diducta.
4. Stamen unum lente auctum.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossom. Flowers tubular, and grow in umbels. Blossoms of a pale colour. Leaves by threes, and downy.

DESCRIPTION.

Stem low, shrubby, half a foot high. The small and large branches are numerous, and spreading.

Leaves by threes, awl-shaped and downy, flat on the upper surface, furrowed beneath, and of a whitish green.

Flowers terminate the branches in umbels of from three to six, nearly sessile, and furnished with three lance-shaped floral leaves.

Empalement. Cup four-leaved; leaflets spathula-shaped, and of a pale colour.

Blossom tubular, of a yellowish white colour, and standing in a horizontal direction. Segments of the border roundish, and between erect and spreading.

Chives. Eight hair-like filaments; tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped. Shaft without the blossom, and thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April till July.

REFERENCE.

1. The under side of a Leaf magnified.
2. The Empalement magnified.
3. The Chives and Pointal detached from the blossom.
4. A Chive magnified.
5. The Seed-bud and Pointal, summit magnified.
6. The Seed-bud magnified.

ERICA Patersonia, *major*.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, inclusis: foliis quaternis: floribus luteis, cylindricis, magnis: ramis pyramidatis: ramulis numerosis, confertis: caule erecto.

DESCRIPTIO.

Caulis fruticosus, sesquipedalis, erectus, ad basin ramosus, dein spicam simplicissimam pyramidatam formans, ramulis brevibus vestitam.

Folia quaterna, linearia, incurvata, glabra, subtus leviter sulcata: petiolis brevissimis, adpressis.

Flores numerosi, prominentes super ramulos brevissimos cauli adpressos.

Calyx. Perianthium duplex: exterius triphyllum: foliolis ovatis, acuminatis: interioribus tetraphyllis, et longioribus.

Corolla cylindrica, pollicaris, glabra, lutea: limbo quadrifido, reflexo.

Stamina. Filamenta octo capillaria receptaculo inserta: antheræ aristatæ, inclusæ.

Pistillum. Germen coronæforme. Stylus filiformis, curvatus, exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Septembrem.

REFERENTIA.

1. Calyx.
2. Corolla.
3. Stamina et Pistillum, antherâ unâ lente auctâ.
4. Germen et Pistillum, stigmate lente aucto.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the blossom: leaves grow by fours: flowers yellow, of a cylinder shape, and large: the large branches are of a pyramidal form: the small branches are numerous, and crowded together: stem upright.

DESCRIPTION.

Stem shrubby, a foot and a half high, upright, branching at the base, then forming a simple pyramidal spike covered by short branches.

Leaves by fours, linear, turned inward, smooth, and lightly furrowed beneath: footstalks very short, and pressed to the stem.

Flowers numerous, standing out upon very short branches that are close to the stem.

Empalement. Cup double: the outer one three-leaved: the leaflets are ovate, and pointed: the inner ones four-leaved and longer.

Blossom cylindrical, an inch long, smooth, and yellow: with a four-lobed reflexed border.

Chives. Eight hair-like threads inserted into the receptacle: tips bearded, and within the blossom.

Pointal. Seed-bud crown-shaped. Shaft thread-shaped, curved, and without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from May till September.

REFERENCE.

1. The Empalement.
2. A Blossom.
3. The Chives and Pointal, one tip magnified.
4. Seed-bud and Pointal, summit magnified.
5. Seed-bud magnified.

Pinus Peterseonu major

ERICA Patersonia, *coccinea.*

CHARACTER SPECIFICUS.

Erica, antheris aristatis inclusis, corollis cylindraceo-clavatis, coccineis, verticillatis, foliis subsenis, setaceis, in petiolos capillares attenuatis.

DESCRIPTIO.

Caulis fruticosus, bipedalis, ramis ramulisque erectis, et sæpe alternis.

Folia plerumque quinata vel sena, erecta, setacea, in petiolos capillares deorsum attenuata.

Flores in summitate ramorum verticillati, recti. Pedunculi breves, bracteis tribus lanceolatis instructi.

Calyx tetraphyllus, foliolis lanceolatis, serrulatis, adpressis.

Corolla cylindraceo-clavata, coccinea, ore arctata, parum curvata, subpollicaris, limbo reflexo.

Stamina octo capillaria; antheræ aristatæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Augustum.

REFERENTIA.

1. Folium.

2. Calyx et Corolla.

3. Calyx lente auctus.

4. Stamina a Pistillo diducta, antherâ unâ lente auctâ.

5. Germen et Pistillum, stigmate lente aucto.

6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips within the blossoms, which are cylindrically club-shaped, of a scarlet colour, and in whorls. Leaves nearly by sixes, bristle-shaped, and attenuated into capillary footstalks.

DESCRIPTION.

Stem shrubby, two feet high, with the branches and branchlets erect, and often alternate.

Leaves chiefly in fives or sixes, erect, bristle-shaped, attenuated downwards into capillary footstalks.

Flowers grow at the tops of the branches in whorls straight out. Footstalks short, furnished with three lance-shaped floral leaves.

Empalement four-leaved; leaflets lance-shaped, slightly sawed, and pressed to the blossom.

Blossom cylindrically club-shaped, scarlet colour, and narrowed at the mouth, slightly curved, near an inch long, the border reflexed.

Chives eight hair-like threads; tips bearded, and within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with honey-cups at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of April till August.

REFERENCE.

1. A Leaf.

2. The Empalement and Blossom.

3. The Empalement magnified.

4. The Chives and Pointal detached, one tip magnified.

5. Seed-bud and Pointal, summit magnified.

6. Seed-bud magnified.

Erica. Patersonia: coccinea

ERICA pellucida.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis; floribus tubulato-ventricosis, pilosis, costatis, pellucidis, albis; foliis quaternis, aculeatis; caulibus gracilibus, hirsutis, ramosissimis.

DESCRIPTIO.

Caulis gracilis, sesquipedalis, hirsutus; rami et ramuli numerosi, hirsuti, flexuosi.

Folia quaterna, lanceolata, lucida, aculeata, subtus sulco exarata; petiolis adpressis.

Flores in ramulis terminales, plerumque quaterni, cernui; pedunculi longi, glandulosi, bracteis tribus lanceolatis glandulosis.

Calyx tetraphyllum; foliolis lanceolatis, canaliculatis, glandulosis.

Corolla tubulato-ventricosa, pilosa, costata, alba, et pellucida; laciniis semi-orbicularibus, sub-erectis.

Stamina. Filamenta octo capillaria; antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Novembris in Junium.

REFERENTIA.

1. Pagina inferior Folii lente aucta.
2. Calyx lente auctus.
3. Stamina diducta, antherâ unicâ lente auctâ.
4. Germen et Pistillum, stigmate lente aucto.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom; flowers of an inflated tubular form, hairy, ribbed, and of a transparent white; leaves by fours, prickly; stem slender, harshly haired, and much branched.

DESCRIPTION.

Stem slender, a foot and a half high, and harshly haired; the small and larger branches are numerous, hairy, and flexuose.

Leaves by fours, lance-shaped, shining, prickly, and deeply furrowed beneath; footstalks pressed to the stem.

Flowers terminate the small branches, mostly by fours, and nodding; footstalks long, glandular, and furnished with three lance-shaped glandular floral leaves.

Empalement four-leaved; leaflets lance-shaped, channelled, and glandular.

Blossom of an inflated tubular form, hairy, ribbed, white, and transparent; the segments of the border are half round, and nearly upright.

Chives. Eight capillary threads; tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from November till June.

REFERENCE.

1. The under side of a leaf magnified.
2. The Empalement magnified.
3. The Chives detached, one tip magnified
4. Seed-bud and Pointal, summit magnified.
5. Seed-bud magnified.

Erica, pellucida

ERICA petiolata.

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-exertis; corollis terminalibus, ternatis, campanulatis, albis; foliis ternis, cuneatis, petiolis longissimis.

DESCRIPTIO.

Suffrutex pygmæus. Caulis ramosus, semipedalis. Rami patentes; ramuli numerosi, conferti.

Folia terna, patentia, cuneata, latiuscula, crassiuscula, et lucida, subtus sulcata; petiolis longissimis.

Flores terminales, plerumque ternati, suberecti; pedunculi brevissimi.

Calyx duplex; exterius triphyllum, foliolis spatulatis; interius tetraphyllum, foliolis longioribus, ad basin late ovatis.

Corolla campanulata, alba, laciniis semirotundis, patentibusque.

Stamina octo capillaria; antheræ muticæ, subexertæ.

Pistillum. Germen tiaræforme, albicans. Stylus filiformis. Stigma tetragonum, concavum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maii in Julium.

REFERENTIA.

1. Folium.
2. Calyx lente auctus.
3. Corolla.
4. Stamina et Pistillum.
5. Anthera unica lente aucta.
6. Germen et pistillum, Stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, just without the blossom; blossoms terminate the branches by threes, are bell-shaped, and white; leaves by threes, wedge-shaped, footstalks very long.

DESCRIPTION.

A dwarfish little shrub. Stem branching, half a foot high. Branches spreading; the smaller branches are numerous, and crowded together.

Leaves by threes, spreading, and wedge-shaped, broadish, and rather thick, shining, and furrowed beneath; with very long footstalks.

Flowers terminal, chiefly in threes, nearly upright; peduncles very short.

Empalement double; the outer one three-leaved, leaflets spatula-shaped; the inner one is four-leaved, longer than the outer, and broadly egg-shaped at the base.

Blossom bell-shaped, and white; with the segments half round, and spreading.

Chives. Eight hair-like threads; tips beardless, just without the blossom.

Pointal. Seed-bud turban-shaped, and whitish. Shaft thread-shaped. Summit four-angled, and hollow.

Native of the Cape of Good Hope.

Flowers from the month of May till July.

REFERENCE.

1. A leaf.
2. The Empalement magnified.
3. A Blossom.
4. The Chives and Pointal.
5. A Chive magnified.
6. The Seed-bud and Pointal, summit magnified.
7. Seed-bud magnified.

Erica petiolata

ERICA pinifolia.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: foliis senis vel octonis, linearibus, tremulis: floribus confertis, clavatis, pubescentibus, albis.

DESCRIPTIO.

Caulis erectus, sesquipedalis, parum ramosus: ramulis simplicibus, foliis tectis.

Folia sena vel octona, linearia, tremula, glabra, subtus sulcata, attenuata in petiolos capillares.

Flores sub apices ramorum verticillatim conferti, horizontaliter siti: pedunculi colorati, bracteis tribus linearibus.

Calyx tetraphyllus: foliolis lanceolatis, adpressis.

Corolla clavata, pollicaris, albis, pilis tomentosis densissime circumsessa: oris laciniis revolutis, obsolete crenulatis.

Stamina. Filamenta octo capillaria; antheræ inclusæ, muticæ.

Pistillum. Germen tiaræforme, superne lanatum, album; inferne viride, ad basin glandulosum.

Habitat ad Caput Bonæ Spei.

Floret a mense Februarii in Julium.

REFERENTIA.

1. Calyx lente auctus.

2. Corolla lente aucta.

3. Stamina et Pistillum, antherâ unicâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom: leaves by sixes or eights, linear, and tremulous: flowers crowded, club-shaped, hairy, and white.

DESCRIPTION.

Stem upright, a foot and a half high, branching but little: the smaller branches simple, and covered with leaves.

Leaves by sixes or eights, linear, tremulous, and smooth; furrowed beneath, and tapering into hair-like footstalks.

Flowers grow near the ends of the branches in crowded whorls, and in a horizontal direction; footstalks coloured, with three linear floral leaves.

Empalement four-leaved: leaflets lance-shaped, and pressed to the blossom.

Blossom club-shaped, an inch long, white, and closely beset with downy hairs: the segments of the border are rolled back, and slightly notched.

Chives. Eight hair-like threads; tips within the blossom, and beardless.

Pointal. Seed-bud turban-shaped, downy on the upper part, and white; greenish below, and glandular at the base.

Native of the Cape of Good Hope.

Flowers from February till July.

REFERENCE.

1. The Empalement magnified.

2. A Blossom magnified.

3. The Chives and Pointal, one tip magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Ornus, pinnatifolia

ERICA pinifolia, *discolor*.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis; floribus verticillatis; corollis tubulosis, costatis, glandulosis; foliis senis, confertis, incurvis; caulibus robustis.

DESCRIPTIO.

Caulis fruticosus, brevis, robustus, paululum flexuosus, cicatricibus foliorum asper; rami foliis dense tecti, numerosi, sub-verticillati, patentes, atque expansi; apicibus adscendentibus.

Folia plerumque sena confertissima, linearia, uncialia, subtus sulcata, seniora recurva, sed post medium incurva, adscendentia.

Flores verticillati sub apicibus ramorum horizontaliter; pedunculi colorati, hirsuti; bracteis tribus hirsutis.

Calyx tetraphyllus; foliolis linearibus, subulatis, hirsutis, adpressis.

Corolla tubulosa, costata, pollicaris, pilis glandulosis densissime circumsessa, apicem versus albis, ad basin rubris; laciniis revolutis, obsolete crenulatis.

Stamina. Filamenta octo, capillaria; antheræ sub-inclusæ, muticæ.

Pistillum. Germen tiaræforme, lanatum. Stylus filiformis, sub-exsertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Julium.

REFERENTIA.

1. Calyx lente auctus.

2. Corolla lente aucta.

3. Stamina et Pistillum, antherâ unicâ lente auctâ.

4. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom; flowers grow in whorls; blossoms tubular, ribbed, and glandular; leaves by sixes, crowded, and turned inwards; stem stout.

DESCRIPTION.

Stem shrubby, short, stout, and a little flexuose, rough from the cicatrices of the leaves; the branches thickly covered with leaves, numerous, rather whorled, spreading, and expanded, with ascending points.

Leaves chiefly in sixes, very crowded, linear, an inch long, furrowed beneath, the older ones recurved, but beyond the middle incurvedly ascending.

Flowers whorled near the ends of the branches in an horizontal direction; footstalks coloured, and hispid; with three rough-haired floral leaves.

Empalement four-leaved; leaflets are linear, awl-shaped, harshly haired, and pressed to the blossom.

Blossom tubular, ribbed, an inch long, and closely beset with glandular hairs, white towards the end and red at the base; the segments of the border are rolled back, and slightly notched.

Chives. Eight hair-like threads; tips just within the blossom, and beardless.

Pointal. Seed-bud turban-shaped and woolly. Shaft thread-shaped, just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from May till July.

REFERENCE.

1. The Empalement magnified.

2. A Blossom magnified.

3. The Chives and Pointal, one tip magnified.

4. Seed-bud magnified.

Ænea, fungifera dentex

ERICA planifolia.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, sub-exertis: floribus axillaribus, urceolatis, purpureis: pedunculis longis: foliis ternis, spathulatis, glandulosis: ramis numerosis, flexuosis.

DESCRIPTIO.

Caulis fruticosus, sesquipedalis: rami et ramuli numerosi, flexuosi, erecto-patentes.

Folia terna, spathulata, supra plana, subtus carinata, albida: marginibus glandulosis, revolutis.

Flores sub apices ramorum, simplices, axillares: pedunculis longis, coloratis, glandulosis.

Calyx. Perianthium tetraphyllum: foliolis ovato-acuminatis, marginibus revolutis glandulosis.

Corolla urceolata, glabra, purpurea: oris laciniis obtusis, erectis.

Stamina. Filamenta octo capillaria: antheræ basi bicornes, sub-exertæ.

Pistillum. Germen tiaræforme, leviter sulcatum, supra pilosum, ad basin nectariferum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Augusti in Septembrem.

REFERENTIA.

1. Folium lente auctum.
2. Idem subtus, lente auctum.
3. Calyx lente auctus.
4. Stamina et Pistillum.
5. Stamina a Pistillo liberata.
6. Anthera unica lente aucta.
7. Pistillum et Germen, stigmate lente aucto.
8. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips two-horned at the base, and just without the blossom: flowers grow from the axillæ of the leaves, are pitcher-shaped, and purple: footstalks long: leaves by threes, spathula-shaped, and glandular: branches numerous, and flexuose.

DESCRIPTION.

Stem shrubby, a foot and a half high: the smaller and larger branches are numerous, flexuose, and between erect and spreading.

Leaves by threes, spathula-shaped, flat on their upper surface, keeled beneath, and whitish: with glandular margins rolled back.

Flowers grow near the ends of the branches, singly, from the axillæ of the leaves: footstalks long, coloured, and glandular.

Empalement. Cup four-leaved: leaflets ovately-pointed, with revolute glandular margins.

Blossom pitcher-shaped, smooth, and purple: the segments of the border are obtuse, and upright.

Chives. Eight hair-like threads: tips two-horned at the base, and just within the blossom.

Pointal. Seed-bud turban-shaped, slightly furrowed, hairy on the upper part, with honey-cups at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from August till September.

REFERENCE.

1. A Leaf magnified.
2. The same shown from the under side, magnified.
3. The Empalement magnified.
4. The Chives and Pointal.
5. The Chives liberated from the Pointal.
6. A Chive magnified.
7. Seed-bud and Pointal, summit magnified.
8. Seed-bud magnified.

Erica, planifolia

ERICA prægnans.

CHARACTER SPECIFICUS.

Erica, antheris inclusis, basi bicornibus: floribus terminalibus, fasciculatis: corollis urceolatis, inflatis: foliis quaternis, linearibus: caulis dumosus.

DESCRIPTIO.

Caulis fruticosus, pedalis et ultra, teres et dumosus.

Folia quaterna, linearia, acuta, basi recurvata, apice adscendentia, ciliata, nitida.

Flores in ramulis terminales, fasciculati: pedunculi purpurei, basi bracteis binis parvis oppositis instructi.

Calyx tetraphyllus, foliolis lanceolatis, acutis, adpressis.

Corolla magna, inflata, ovata, glabra, nitida, ore arctata, quod pallide carneum est: limbi laciniis æqualibus, patentibus, carneis, in centro saturate rubris.

Stamina. Filamenta octo capillaria. Antheræ basi bicornes, inclusæ.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus filiformis, inclusus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Augustum.

REFERENTIA.

1. Calyx.

2. Stamina et Pistillum, antherâ unicâ lente auctâ.

3. Germen et Pistillum, stigmate lente aucto.

4. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips within the blossom, and two-horned at their base: flowers terminal in bunches: blossoms pitcher-shaped, and swelled: leaves by fours, and linear: stem bushy.

DESCRIPTION.

Stem shrubby, a foot or more high, round and bushy.

Leaves by fours, linear, pointed, with a recurved base and an ascending point, ciliated, and shining.

Flowers terminate the branches in bunches: footstalks purple, and furnished with two small opposite floral leaves at their base.

Empalement four-leaved: leaflets lance-shaped, pointed, and pressed to the blossom.

Blossom large, swelled, of an ovate form, smooth, and shining; narrowed at the mouth, which is of a pale flesh-colour: the segments of the border are equal, spreading, flesh-coloured, and of a deep red in the centre.

Chives. Eight hair-like threads. Tips two-horned at the base, and within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with honey-cups at their base. Shaft thread-shaped, and within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April till August.

REFERENCE.

1. The Empalement.

2. The Chives and Pointal, one tip magnified.

3. Seed-bud and Pointal, summit magnified.

4. Seed-bud magnified.

Erica, prægnans

ERICA primuloides.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: foliis quinis, confertis: floribus sessilibus, terminalibus, fastigiatis: frutex pygmæus.

DESCRIPTIO.

Caulis fruticosus, spithamæus, erectus, dumosus: ramuli numerosi, adscendentes.

Folia quina, subulata, supra plana, subtus sulcata, glabra, crassiuscula, erecta, conferta.

Flores sessiles, erecti, fastigiati, quaterni et quini, terminales.

Calyx. Perianthium duplex: exterius triphyllum, foliolis subulatis, marginibus pilosis: interius tetraphyllum, foliolis longioribus.

Corolla ventricosa, pellucida, ore arctata, quod ornatum est in modum primulæ: laciniis cordatis, expansis, albis, subtus læte rubris.

Stamina. Filamenta octo capillaria; antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum, ad basin nectariferum. Stylus sub-inclusus. Stigma sub-exertum, tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Julium.

REFERENTIA

1. Folium.
2. Calyx lente auctus
3. Flores varietatum duarum.
4. Stamina et Pistillum, antherâ unicâ lente auctâ.
5. Pistillum et Germen, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom: leaves by fives, crowded: flowers sessile, fastigiate, and terminal: a dwarf shrub.

DESCRIPTION.

Stem shrubby, a span high, upright, and bushy: the smaller branches are numerous, and ascending.

Leaves by fives, awl-shaped, flat on their upper surface, and furrowed on the under side, smooth, thickish, upright, and crowded.

Flowers sessile, upright, fastigiate, and terminating the branches by fours and fives.

Empalement. Cup double: the outer one is three-leaved, with awl-shaped leaflets and hairy margins: the inner one is four-leaved, with longer leaflets.

Blossom bellied, pellucid, narrowed at the mouth, which is ornamented like a cowslip: the segments of the border are heart-shaped, spreading, and white, of a bright red on the under side.

Chives. Eight hair-like threads: tips beardless, within the blossom.

Pointal. Seed-bud turban-shaped, furrowed, with honey-cups at their base. Shaft just within the blossom. Summit just without, and four-cornered.

Native of the Cape of Good Hope.

Flowers from May till July.

REFERENCE.

1. A Leaf.
2. The Empalement magnified.
3. Flowers of two varieties.
4. Chives and Pointal, one tip magnified.
5. Pointal and Seed-bud, summit magnified.
6. Seed-bud magnified.

ERICA racemifera.

CHARACTER SPECIFICUS.

Erica, antheris aristatis, inclusis; floribus racemosis; corollis sub-globosis, purpureis; foliis senis, oblique verticillatis, confertis, tremulis.

DESCRIPTIO.

Caulis fruticosus, sub-pedalis. Rami virgati, sub-simplices.

Folia sena, linearia, conferta, oblique verticillata, tremula.

Flores sub-terminales, racemosi, cernui, plerumque duo, pedunculis longissimis.

Calyx. Perianthium tetraphyllum; foliolis lanceolatis, bracteis tribus adpressis.

Corolla sub-globosa, purpurea; oris laciniis erecto-patentibus.

Stamina. Filamenta octo, receptaculo inserta; antheris aristatis, inclusis.

Pistillum. Germen tiaræforme. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili ad Junium.

REFERENTIA.

1. Umbella Florum.
2. Calyx lente auctus.
3. Stamina et Pistillum.
4. Anthera lente aucta.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with bearded tips, within the blossom; flowers grow in clusters; blossom nearly globe-shaped, and purple; leaves by sixes, obliquely whorled, crowded, and tremulous.

DESCRIPTION.

Stem shrubby, near a foot high. Branches twiggy, and nearly simple.

Leaves by sixes, linear, crowded, irregularly whorled, and tremulous.

Flowers nearly terminate the branches in clusters, hanging down, mostly two together, with very long foot-stalks.

Empalement four-leaved; leaflets lance-shaped, with three floral leaves pressed to the foot-stalk.

Blossom nearly globular, purple; the segments of the border between erect and spreading.

Chives. Eight hair-like threads fixed to the receptacle; tips bearded, and within the blossom.

Pointal. Seed-bud turban-shaped. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of April till June.

REFERENCE.

1. An Umbel of Flowers.
2. The Empalement magnified.
3. The Chives and Pointal.
4. A Chive magnified.
5. The Seed-bud and Pointal, summit magnified.
6. The Seed-bud magnified.

Erica racemifera

ERICA Savileia.

CHARACTER SPECIFICUS.

Erica, antheris basi bicornibus, inclusis: floribus solitariis, axillaribus, urceolatis, purpureis: pedunculis longissimis: foliis quaternis: ramis numerosis: caulis humilis.

DESCRIPTIO.

Frutex pygmæus, elegans, ramosissimus: ramis et ramulis flexuosis, erecto-patentibus.

Folia quaterna, linearia, glabra, supra plana, subtus sulcata.

Flores numerosi, simplices, axillares, in medio ramulorum, et sæpe terminales: pedunculis longissimis, coloratis, ad basin bracteis tribus instructis.

Calyx. Perianthium tetraphyllum: foliolis ovato-acuminatis, serrulatis.

Corolla urceolata, læte purpurea, glabra, lucida: laciniis equalibus, rotundis, patentibus, sub-reflexis.

Stamina. Filamenta octo capillaria: antheræ basi bicornes, inclusæ.

Pistillum. Germen tiaræforme, longum, sulcatum. Stylus filiformis, sub-inclusus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Septembrem.

REFERENTIA.

1. Inferior pars Folii lente aucta.
2. Calyx lente auctus.
3. Corolla.
4. Flos varietatis pallidæ.
5. Stamina et Pistillum, antherâ unicâ lente auctâ.
6. Pistillum et Germen, stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with tips two-horned at the base, and within the blossom: flowers grow singly from the axillæ of the leaves, pitcher-shaped, of a purple colour, and with very long footstalks: leaves by fours: branches numerous: stem low.

DESCRIPTION.

An elegant dwarf shrub very branching: the small and large branches are flexuose, and between erect and spreading.

Leaves by fours, linear, smooth, flat on their upper surface, and furrowed beneath.

Flowers are numerous, and grow singly from the axillæ of the leaves about the middle of the smaller branches, and often terminate them: the footstalks are very long, coloured, and furnished at the base with three floral leaves.

Empalement. Cup four-leaved: the leaflets are ovately pointed, and finely sawed.

Blossom pitcher-shaped, of a bright purple colour, smooth, and shining: the segments of the border are equal, round, spreading, and nearly reflexed.

Chives. Eight hair-like threads, with tips two-horned at the base, and within the blossom.

Pointal. Seed-bud turban-shaped, long, and furrowed. Shaft thread-shaped, and just within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from April till September.

REFERENCE.

1. The under side of a Leaf magnified.
2. The Empalement magnified.
3. A Blossom.
4. Flower of a pale variety.
5. Chives and Pointal, one tip magnified.
6. Seed-bud and Pointal, summit magnified.
7. Seed-bud magnified.

ERICA Sebana, *nana.*

CHARACTER SPECIFICUS.

Erica, antheris muticis, exsertis, longissimis; corolla clavata, incurvata, saturate aurantia; floribus terminalibus; calyx duplex; foliis ternis, confertis; caulis brevis, fruticosus.

DESCRIPTIO.

Caulis erectus, robustus, humilis, ramosissimus; ramuli verticillati.

Folia terna, linearia, arcuata, conferta, subtrigona, glabra, apice acuta.

Flores duo in apice ramulorum, dependentes; pedunculi breves, nudi.

Calyx. Perianthium duplex; exterius triphyllum; foliolis ovatis, membranaceis, imbricatis, adpressis; interius tetraphyllum, foliolis majoribus.

Corolla clavata, incurvata, rugosa, saturate aurantia; laciniis limbi erectis, incurvatis.

Stamina. Filamenta octo linearia, plana; antheræ muticæ, exsertæ, longissimæ, in filamenta attenuatæ.

Pistillum. Germen tiaræforme. Stylus filiformis, staminibus paulo longior. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Januarium.

REFERENTIA.

1. Calyx lente auctus.
2. Corolla.
3. Stamina et Pistillum.
4. Stamina a Pistillo diducta.
5. Germen et Pistillum, stigmate lente aucto.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips without the blossom, and very long; blossom club-shaped, turned inwards, and of a deep orange colour; flowers terminate the branches; cup double; leaves by threes, and crowded; stem short and shrubby.

DESCRIPTION.

Stem upright, sturdy, low, and very branching; the smaller branches are whorled.

Leaves by threes, linear, bowed, and crowded together; nearly three-sided, smooth, and sharp-pointed.

Flowers grow by twos at the ends of the small branches, hanging down; the footstalks are short and naked.

Empalement. Cup double; the outer one is three-leaved; the leaflets egg-shaped and skinny, tiled, and pressed to the cup; the inner one is four-leaved, with larger leaflets.

Blossom club-shaped, turned inwards, wrinkled, and of a deep orange colour; the segments of the border are upright, and turned inwards.

Chives. Eight linear, flat threads; tips beardless, without the blossom, very long, and tapered into threads.

Pointal. Seed-bud turban-shaped. Shaft thread-shaped, a little longer than the chives. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of July till January.

REFERENCE.

1. The Empalement magnified.
2. A Blossom.
3. The Chives and Pointal.
4. The Chives detached from the Pointal.
5. The Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.

Erica, Sebana, nana

ERICA squamosa.

CHARACTER SPECIFICUS.

Erica, antheris cristatis, inclusis; corollis globosis, umbellatis, purpureis; calycibus squamosis, albicantibus; foliis quaternis.

DESCRIPTIO.

Caulis fruticosus, erectus, sesquipedalis, ramosus; rami filiformes, erecti.

Folia quaterna, glabra, obtusa, subtus sulcata, serrulata.

Flores terminales, umbellati, terni vel seni in singula umbella, cernui; pedunculi purpurei, bracteis tribus instructi.

Calyx tetraphyllum; foliolis squamosis, ovatis, carinatis, albicantibus.

Corolla globosa, purpurea; laciniis equalibus, patentibus.

Stamina. Filamenta octo capillaria, receptaculo inserta; antheræ cristatæ, inclusæ.

Pistillum. Germen tiaræforme. Stylus filiformis, inclusus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili in Julium.

REFERENTIA.

1. Calyx et Corolla.
2. Calyx lente auctus.
3. Corolla.
4. Stamina a Pistillo diducta, antherâ unâ lente auctâ.
5. Germen et Pistillum, stigmate aucto.
6. Germen lente auctum.
7. Ramulus cum Involucro florum.

SPECIFIC CHARACTER.

Heath, with crested tips within the blossom; blossoms globular, umbelled, and purple; the cup is scaly, and of a whitish colour; leaves by fours.

DESCRIPTION.

Stem shrubby, upright, a foot and a half high, branching; branches thread-shaped and upright.

Leaves by fours, smooth, blunt, furrowed beneath, and slightly sawed at the edges.

Flowers terminate the branches in umbels of three to six in each umbel, nodding; the footstalks are purple, having three floral leaves.

Empalement four-leaved; leaflets scaly, egg-shaped, keeled, and of a whitish colour.

Blossom globular, and purple; the segments are equal and spreading.

Chives. Eight hair-like threads, fixed to the receptacle; tips crested, and within the blossom.

Pointal. Seed-bud turban-shaped. Shaft thread-shaped, and within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of April till July.

REFERENCE.

1. The Empalement and Blossom.
2. The Empalement magnified.
3. A Blossom.
4. The Chives detached from the Pointal, one tip magnified.
5. Seed-bud and Pointal, summit magnified.
6. Seed-bud magnified.
7. A branch with the Involucrum of the flowers.

Erica, squamosa

ERICA staminea.

CHARACTER SPECIFICUS.

Erica, antheris muticis, staminibusque extra flores solitarios divaricato-cernuis, foliis ternatis, ramis verticillatis.

DESCRIPTIO.

Caulis fruticosus, bipedalis, ramis numerosis, verticillatis patulis.

Folia ternata, erecta, parva, carnosa, lucida, subtus sulcata, petiolis ramulos adpressis.

Flores solitarii, terminales, in ramulos pernumerosos, laterales, ternatos, et paulo declinatos; pedunculi bracteis tribus instructi.

Calyx tetraphyllus, foliolis ovatis.

Corolla parva, tetragona, luteo-albida, laciniis patentibus rotundatis.

Stamina octo, capillaria, prælonga, extra flores plus minusve pendula; antheræ muticæ.

Pistillum. Germen tiaræforme, lanuginosum; stylus filiformis.

Habitat ad Caput Bonæ Spei.

Floret a mense Junio ad Septembrem.

REFERENTIA.

1. Folium lente auctum.
2. Calyx.
3. Corolla.
4. Calyx cum bracteis lente auctus.
5. Corolla varietatis albæ.
6. Stamina et Pistillum, lente aucta.
7. Germen et Pistillum, stigmate lente aucto.
8. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, and chives divaricately cernuous from the solitary flowers, leaves in threes, and branches whorled.

DESCRIPTION.

Stem shrubby, two feet high, with numerous whorled branches, very slightly spreading.

Leaves in threes, erect, small, fleshy, shining, furrowed beneath, with petioles pressed to the branchlets.

Flowers solitary, terminal, on very numerous, lateral, ternate, and slightly drooping branches; peduncles furnished with three floral leaves.

Empalement four-leaved, with the leaflets egg-shaped.

Blossom small, square, of a yellow-white colour, with segments spreading and rounded.

Chives eight, capillary, very long, and hanging more or less out of the flower; tips beardless.

Pointal. Seed-bud turban-shaped, woolly; shaft thread-shaped.

Native of the Cape of Good Hope.

Flowers from the month of June till September.

REFERENCE.

1. A Leaf magnified.
2. The Empalement.
3. A Blossom.
4. The Empalement and floral leaves magnified.
5. A Blossom of a white variety.
6. The Chives and Pointal magnified.
7. Seed-bud and Pointal, summit magnified.
8. The Seed-bud magnified.

Erica staminea

ERICA Swainsonia.

CHARACTER SPECIFICUS.

Erica, antheris muticis, sub-inclusis: floribus in umbellis terminalibus: foliis quinis vel senis, confertis, erectis.

DESCRIPTIO.

Caulis fruticosus, erectus, pedalis et ultra: ramulis verticillatis.

Folia quina vel sena, obtusa, erecta, conferta, supra plana, subtus sulcata.

Flores ramos terminant in umbellis: pedunculis brevibus, bracteis tribus adpressis.

Calyx. Perianthium tetraphyllum: foliolis lanceolatis calyci adpressis.

Corolla sub-cylindrica, pollicaris, miniata: laciniis ovatis, patentibus.

Stamina. Filamenta octo capillaria: antheræ muticæ, sub-inclusæ.

Pistillum. Germen oblongum, sulcatum, ad basin nectariis glanduliferis. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret in mensibus autumnalibus.

REFERENTIA.

1. Calyx.

2. Stamina à Pistillo diducta: antherâ unâ lente auctâ.

3. Germen et Pistillum, stigmate lente aucto.

SPECIFIC CHARACTER.

Heath, with beardless tips just within the blossoms: flowers grow in terminal umbels: leaves by fives or sixes, crowded, and upright.

DESCRIPTION.

Stem shrubby, upright, a foot or more high: the small branches grow in whorls.

Leaves by fives or sixes, obtuse, erect, and crowded, flat on their upper surface, and furrowed beneath.

Flowers terminate the branches in umbels: footstalks short, with three floral leaves pressed to them.

Empalement. Cup four-leaved: leaflets lance-shaped, and pressed to the cup.

Blossom nearly cylindrical, an inch long, and of a reddish colour: segments ovate, and spreading.

Chives. Eight hair-like threads: tips beardless, and just within the blossom.

Pointal. Seed-bud oblong, with glandular nectaries at the base. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers in the autumnal months.

REFERENCE.

1. The Empalement.

2. The Chives detached from the Pointal, one tip magnified.

3. Seed-bud and Pointal, summit magnified.

Erica Swainsonia

ERICA tenuiflora.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis; corollis quaternis, tenuissimis, luteis. Folia terna et quaterna, linearia.

DESCRIPTIO.

Caulis fruticosus, pedalis, debilis. Rami et ramuli filiformes, virgati.

Folia terna et quaterna, linearia; petiolis longis adpressis.

Flores in ultimis ramulis quaterni, patentes; pedunculis brevissimis.

Calyx. Perianthium duplex; exterius triphyllum, foliolis lanceolatis; interius tetraphyllum, foliolis longioribus.

Corolla tubæformis, tenuissima, lutea; oris laciniis acuminatis, patentibus.

Stamina. Filamenta octo; antheris muticis, inclusis.

Pistillum. Germen oblongum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Aprili ad Junium.

REFERENTIA.

1. Calyx lente auctus.

2. Corolla.

3. Stamina et Pistillum, antherâ unâ diductâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossoms; which grow by fours, are very slender, and yellow. Leaves by threes and fours, and linear.

DESCRIPTION.

Stem shrubby, a foot high, weak. The large and small branches are thread-shaped, and twiggy.

Leaves by threes and fours, linear, with long foot-stalks pressed to the branches.

Flowers grow by fours at the ends of the small branches, and spreading; with very short foot-stalks.

Empalement. Cup double; the outer three-leaved, and leaflets lance-shaped; the inner one four-leaved, and longer than the outer.

Blossom trumpet-shaped, very slender, and yellow; segments of the border sharp-pointed and spreading.

Chives. Eight hair-like threads; tips beardless, and within the blossom.

Pointal. Seed-bud of an oblong form. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of April till June.

REFERENCE.

1. The Empalement magnified.

2. A Blossom.

3. The Chives and Pointal, one tip detached and magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Erica, tenuiflora

ERICA tenuiflora, *alba*.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: floribus quaternis, tenuissimis, albis: foliis quaternis, linearibus, glabris: caulis gracilis.

DESCRIPTIO.

Caulis fruticosus, debilis, pedalis et ultra: rami et ramuli filiformes, virgati.

Folia quaterna, linearia, obtusa, glabra, erecto-patentia.

Flores ad apices ramulorum quaterni: pedunculis brevibus, bracteis tribus subulatis instructis.

Calyx tetraphyllus: foliolis luteolo-virentibus, lanceolatis, adpressis.

Corolla tubæformis, tenuissima: oris laciniis acuminatis, patentibus, albicantibus: tubo pellucido.

Stamina. Filamenta octo; antheris muticis, inclusis.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Decembrem.

REFERENTIA.

1. Calyx lente auctus.

2. Corolla lente aucta.

3. Stamina et Pistillum, antherâ unicâ lente auctâ.

4. Germen et Pistillum, stigmate lente aucto.

5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossom: flowers grow by fours, slender, and white: leaves by fours, linear, and smooth: stem slender.

DESCRIPTION.

Stem shrubby, weak, a foot or more high: the small and large branches are thread-shaped, and twiggy.

Leaves by fours, linear, blunt, smooth, erect, and spreading.

Flowers grow by fours at the ends of the small branches: footstalks short, and furnished with three awl-shaped floral leaves.

Empalement four-leaved: leaflets of a yellowish green, lance-shaped, and pressed to the blossom.

Blossom trumpet-shaped, and very slender; the segments of the border are sharp-pointed, spreading, and very white; the tube is of a transparent white.

Chives. Eight hair-like threads; tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July till December.

REFERENCE.

1. The Empalement magnified.

2. A Blossom magnified.

3. The Chives and Pointal, one tip magnified.

4. Seed-bud and Pointal, summit magnified.

5. Seed-bud magnified.

Ewan. Tenui del. et lith.

ERICA tetragona.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis; corollis urceolatis, axillaribus, ternis, confertis, tetragonis; concavis, luteis; foliis ternis.

DESCRIPTIO.

Caulis fruticosus, virgatus, sub-pedalis, erectus, ramosus, gracilis; rami filiformes et patentes.

Folia terna, trigona, linearia, acuta, glabra, subtus tenuissime sulcata, erecto-patentia.

Flores in axillis foliorum, plerumque terni, erecti, conferti, cum odore cucumis.

Calyx tetraphyllus, foliolis lanceolatis, ciliatis; bracteis tribus linearibus.

Corolla urceolata, lutea, tetragona, concava, ore arctata; laciniis æqualibus, acuminatis, patentibus, et reflexis.

Stamina octo, capillaria; antheris muticis inclusis.

Pistillum. Germen conicum, glabrum. Stylus linearis, sub-exertus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii ad Septembrem.

REFERENTIA.

1. Umbella Florum.
2. Calyx auctus.
3. Corolla lente aucta.
4. Stamina et Pistillum.
5. Anthera una aucta.
6. Germen et Pistillum, stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips within the blossoms, which are pitcher-shaped, and grow from the axillæ of the leaves in threes, are crowded together, four-sided, concave, and yellow; leaves by threes.

DESCRIPTION.

Stem shrubby, twiggy, near a foot high, upright; branches slender, the large ones thread-shaped and spreading.

Leaves by threes, three-sided, linear, sharp and smooth, slightly furrowed beneath, and between erect and spreading.

Flowers grow from the axillæ of the leaves, mostly by threes, upright, crowded together, and smell like a cucumber.

Empalement four-leaved; the leaflets are lance-shaped and fringed, with three linear floral leaves.

Blossom pitcher-shaped, yellow, four-sided and concave, narrowed towards the mouth, the segments of which are equal, sharp-pointed, spreading, and reflexed.

Chives eight, capillary; tips beardless, and within the blossom.

Pointal Seed-bud conical and smooth. Shaft linear, just without the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of July till September.

REFERENCE.

1. An Umbel of Flowers.
2. The Empalement magnified.
3. A Blossom magnified.
4. The Chives and Pointal.
5. A Chive magnified.
6. The Seed-bud and Pointal, summit magnified.
7. Seed-bud magnified.

Erica. tetragona

ERICA tiaræflora.

CHARACTER SPECIFICUS.

Erica, antheris muticis, exsertis; floribus cernuis, tiaræformibus, a calyce fere contectis; foliis ternis, obtusis, linearibus, rigidis.

DESCRIPTIO.

Caulis fruticosus, erectus, sub-sesquipedalis, ramosus; rami terni, patentes, erecti.

Folia terna, obtusa, linearia, rigida, erecto-patentia.

Flores in ramulis terminales, sub-terni, cernui; pedunculi longi, bracteis tribus spathulatis instructi.

Calyx. Perianthium tetraphyllum; foliolis lato-ovatis, apice coloratis, incurvatis.

Corolla tiaræformis, apice incarnata, ad basin albida; laciniis minutis, obtusis, erectis.

Stamina. Filamenta octo capillaria; antheræ muticæ, exertæ.

Pistillum. Germen tiaræforme. Stylus filiformis. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Maio in Julium.

REFERENTIA.

1. Folium.
2. Calyx et Corolla, lente aucti.
3. Corolla.
4. Eadem lente aucta.
5. Anthera una lente aucta.
6. Germen et Pistillum, stigmate lente aucto.
7. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips without the blossom; flowers nodding, turban-shaped, and nearly hid by the empalement; leaves by threes, blunt, linear, and harsh.

DESCRIPTION.

Stem shrubby, upright, near a foot and a half high, and branching; branches by threes, spreading, and upright.

Leaves by threes, blunt, linear, harsh, up right, and spreading.

Flowers terminate the branches by threes, nodding; footstalks long, and furnished with three spathula-shaped floral leaves.

Empalement. Cup four-leaved; the leaflets are broadly egg-shaped, coloured at the ends, and turned inwards.

Blossom turban-shaped, flesh-coloured at the ends, and whitish at the base; the segments of the border are very small, blunt, and upright.

Chives. Eight hair-like threads; tips beardless, and without the blossom.

Pointal. Seed-bud turban-shaped. Shaft thread-shaped. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from the month of May till July.

REFERENCE.

1. A Leaf.
2. The Empalement and Blossom magnified.
3. A Blossom.
4. The same magnified.
5. A Chive magnified.
6. Seed-bud and Pointal, summit magnified.
7. Seed-bud magnified.

Erica, tiaræflora

ERICA vernex.

CHARACTER SPECIFICUS.

Erica, antheris cristatis, inclusis: floribus ternis, bicoloribus, viscosis, cernuis, sub-globosis: foliis ternis.

DESCRIPTIO.

Caulis erectus, sesquipedalis: ramulis ternis, verticillatis.

Folia ternata, sub-trigona, supra plana, subtus sulco exarata: petiolis longis.

Flores laterales, plerumque ternati, cernui, speciosi: pedunculi colorati, bracteis tribus coloratis instructi.

Calyx tetraphyllus: foliolis ovatis, coloratis, adpressis.

Corolla sub-globosa, glutinosissima, et lucida, colore aureo: laciniis oris erectis, saturate viridibus.

Stamina. Filamenta octo capillaria. Antheræ cristatæ, inclusæ.

Pistillum. Germen tiaræforme, sulcatum. Stylus filiformis, sub-inclusus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Januarii in Maium.

REFERENTIA.

1. Inferior pars Folii lente aucta.
2. Calyx.
3. Stamina et Pistillum, lente aucta.
4. Germen et Pistillum.
5. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with crested tips within the blossom: flowers grow by threes, are two-coloured, clammy, nodding, and nearly round: leaves by threes.

DESCRIPTION.

Stem upright, a foot and a half high: the branches grow by threes in whorls.

Leaves by threes, nearly three-sided, flat on their upper surface, and deeply furrowed beneath: footstalks long.

Flowers grow sideways mostly by threes, nodding and showy: footstalks coloured, and furnished with three coloured floral leaves.

Empalement four-leaved: the leaflets are ovate, coloured, and pressed to the blossom.

Blossom nearly round, very glutinous, and shining, of a gold colour: the segments of the border are upright, and of a deep green colour.

Chives eight hair-like threads. Tips crested, and within the blossom.

Pointal. Seed-bud turban-shaped, and furrowed. Shaft thread-shaped, and just within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from January till May.

REFERENCE.

1. The under side of a Leaf magnified.
2. The Empalement.
3. The Chives and Pointal magnified.
4. Seed-bud and Pointal.
5. Seed-bud magnified.

Eyriat. vernex

ERICA vestita, *lutea*.

CHARACTER SPECIFICUS.

Erica, antheris muticis, inclusis: foliis setaceis, longis, confertis: floribus verticillatis, luteis: caule erecto.

DESCRIPTIO.

Caulis bipedalis, erectus: ramis simplicibus, adscendentibus.

Folia sena, septena, vel octona, erecta, aggregata, setacea: petiolis longissimis.

Flores in verticillis aggregatis, sub apicibus ramulorum: pedunculis brevibus, bracteis tribus instructis.

Calyx tetraphyllus: foliolis lanceolatis, adpressis.

Corolla cylindrica, uncialis, lutea, leviter costata: oris laciniis subrotundis, æqualibus, patentibus.

Stamina. Filamenta octo capillaria. Antheræ muticæ, inclusæ.

Pistillum. Germen tiaræforme, villosum, basi poris melliferis instructum. Stylus filiformis, sub-inclusus. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Julii in Octobrem.

REFERENTIA.

1. Calyx.
2. Stamina à Pistillo diducta.
3. Germen et Pistillum, stigmate lente aucto.
4. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, within the blossom: leaves bristle-shaped, long, and crowded: flowers grow in whorls, of a yellow colour: stem upright.

DESCRIPTION.

Stem two feet high, upright, with simple ascending branches.

Leaves in sixes, sevens, or eights, erect, crowded, and bristle-shaped: footstalks very long.

Flowers grow in crowded whorls near the ends of the branches: footstalks short, and furnished with three floral leaves.

Empalement four-leaved: leaflets lance-shaped, and pressed to the cup.

Blossom cylindrical, an inch long, yellow, and slightly ribbed: segments of the border nearly round, equal, and spreading.

Chives. Eight hair-like threads: tips beardless, and within the blossom.

Pointal. Seed-bud turban-shaped, villose, and furnished with honey-cups at the base. Shaft thread-shaped, and just within the blossom. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from July till October.

REFERENCE.

1. The Empalement.
2. The Chives detached from the Pointal.
3. Seed-bud and Pointal, summit magnified.
4. Seed-bud magnified.

Erica, vestita lutea.

ERICA villosa.

CHARACTER SPECIFICUS.

Erica, antheris muticis, exertis; floribus villosis, urceolatis, albis. Calyx villosus, ad marginem viridis; foliis ternis, revolutis, villosis. Caulis debilis.

DESCRIPTIO.

Caulis fruticosus, flexuosus, purpurascens. Rami et ramuli filiformes, villosi.

Folia terna, linearia, obtusa, ad margines revoluta; seniora patentia, juniora adscendentia; margine pilis longis hirta.

Flores in extremis ramulis terminales, subterni, penduli. Pedunculi longi, rubri; bracteis tribus minutis adpressis.

Calyx. Perianthium tetraphyllum; foliolis lato-ovatis, sulcatis, totis densissime albo-villosis: margine calycis læte viridi.

Corolla urceolata, villosa, alba; oris laciniis obtusis, erectis.

Stamina. Filamenta octo capillaria; antheræ muticæ, exertæ.

Pistillum. Germen tiaræforme, pubescens, ad basin glandulosum. Stylus filiformis, staminibus paulo longior. Stigma tetragonum.

Habitat ad Caput Bonæ Spei.

Floret a mense Februarii in Junium.

REFERENTIA.

1. Pagina inferior Folii lente aucta.
2. Calyx et Corolla.
3. Stamina et Pistillum, lente aucta.
4. Flos.
5. Calyx lente auctus.
6. Germen lente auctum.

SPECIFIC CHARACTER.

Heath, with beardless tips, without the blossom. Flowers hairy, pitcher-shaped, and white. Cup hairy, with green edges. Leaves by threes, rolled back at the edges, and hairy. Stem weak.

DESCRIPTION.

Stem shrubby, flexuose, and of a purplish colour. The small and large branches are thread-shaped, and hairy.

Leaves by threes, linear, blunt, and rolled back at the edges; the older ones spreading, the younger ones ascending: the edges rough with long hairs.

Flowers grow at the extremity of the smaller branches, mostly by threes, hanging down. The footstalks are long, of a red colour, with three small floral leaves pressed to them.

Empalement. Cup four-leaved. Leaflets broadly egg-shaped, furrowed, and covered with long white hairs: the edges of the cup are of a bright green colour.

Blossom pitcher-shaped, hairy, and white: the segments of the border are obtuse, and upright.

Chives. Eight hair-like threads; tips beardless, and without the blossom.

Pointal. Seed-bud turban-shaped, downy, and glandular at the base. Shaft thread-shaped, a little longer than the chives. Summit four-cornered.

Native of the Cape of Good Hope.

Flowers from February till June.

REFERENCE.

1. The under side of a Leaf magnified.
2. The Empalement and Blossom.
3. The Chives and Pointal magnified.
4. A Flower.
5. The Empalement magnified.
6. Seed-bud magnified.

Erica. villosa

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